

<223> Genbank Accession No. AA279676

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cagaactgac gatttcttgt cctctaagca caatcctgtc atatgcacag ttggtgctct 300
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<223> Genbank Accession No. AA279802

<400> 631

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gccacccac tgcaaaaggg cccagccagt gggcaccaac ctgaggaaga cgtgggtccc 180
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<210> 632

<211> 326

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<213> Homo sapiens

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<400> 632

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gtgagtccat cgcccagggg caggaggctg atgtagaccc tgacgtcccg ccggatgcgt 180
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<211> 409

<212> DNA

<213> Homo sapiens

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<223> Genbank Accession No. AA279916

<400> 633

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caatggtata taatctttat aactagattt tattattttc tattgttttg aagacagagt 360
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<211> 458

<212> DNA
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caaaactgaac aatattttct gttatacaaa tttacatgag aaaaactcca aagtacaaat 240
gaaggggacct gagcaggaaa gagaaccaa gtatcaggaa gtgggtatgg gggagaatta 300
aaaaaaataa taaaagattc aagcaaacat tgagaatagg ggaaaagagg gagacatcat 360
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tacaacagct ctttaccaca attttcccat ggtcttatcc ttcaaaataa aattccacac 180
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ctctgaaaca gctacaaaca tcttgttttt gcaaaatata caatgtttct caatctttct 300
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aaactgtgaa aggagtgggt atttaaatac ttc 453

<210> 636
<211> 321
<212> DNA
<213> Homo sapiens

<220>
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<400> 636
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gcaatatgat tacatacgaa gaatgcaaaa tgcaggatg gatgccttcc aagcaacacc 180
aagtccttag agttcggtcg atcgcgctg cctccacact gtttcttttag gtttacatga 240
acataacaga acatcacgtt ctttctcctt tatggttctc ctttcttatt catgatattg 300
gcagtttcat acagaaaata c 321

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<211> 307
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA280283

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tcacgtctgg ctgcgaccgt ggcaggctgt ggcaccccc acagcggccg gtggcggagg 180
tatggggcg ggtggcaccg ctcaactcgag attcacagaa catggcaagc ccgcctgact 240
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tcaaagt 307

<210> 638
<211> 219
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA280413

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gcaagggtgc cccggtgggg tctgacgcc agctggcgctc ctgggagcct ggggtggagt 180
ccatggaggg agagcgaacg gggaatgttg gagggggcc 219

<210> 639
<211> 394
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA280734

<400> 639
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<210> 640
<211> 445
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA280791

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ccaacgtgca atgccacgac ttcaaagaca atttggggca agtgtacatg aaatgagaaa 180
acagctctcc aagtttcaaa tcctcctctt acattattta taggacactg aggtcatatt 240
tacttcttgg ttaagatggt gcaactgtcat ttcatatca gtctacctca caatgtacat 300
taccagatgc caatttgagg aactacagag ataaaacttt agtactttct taatgggctg 360
aataaattaa ttacaattaa gtttgcttta catcctgttg aggacctctt tgcagcccca 420
ggacctaaca atatctggca ggctc 445

<210> 641
<211> 372
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA280840

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 tacacttggt aaagcaaaaa ctgactcac agccaccgcc ctgggacggc ccaagctgct 180
 cactctgcc cggcagcctc cagggcacc cactgggaac cgcccggcag tccagggccg 240
 cccccaggcc cctgcaatat acctgcaggg ctgggcccgtg gggctttaag gcgttttgtc 300
 tccggctgct tgccggatgt cggagcagag aggcaggaag ctccgtgcc acgcgcccc 360
 cgcggcaggg ct 372

<210> 642
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 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA280928

<400> 642
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 aatacttcag atagagcaag aaagcattca cagcaaggcc tataatcagt aagatgtgtg 180
 aaaagttggg tagccacagg aggtgttcat taaggatatg attccattta tatagctatt 240
 tctattgcat aaccaggaca gttttattgt tttgaggtca atgttctttt aaaatttgat 300
 tttctgtaag aagaggcttt ttggcccaga aag 333

<210> 643
 <211> 383
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA281214

<400> 643
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 gccacaggtg gctcaacacc cagtgtctgt ctgcgcggag ggctgtactg aaggttctga 180
 aggctgtgtg agtccccctc acggccagaa ggagagaccc ggcttcggct tcatggccgg 240
 cctccccgag gtgtctgccc agctcctctg catcccagcg cccttgctgg aggctagcca 300
 agaggtggtc aacaatacgt ggatagaagg gaggaggagac acacttcacc agcagcttgg 360
 catccaggag cagggaagaa agt 383

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 <212> DNA
 <213> Homo sapiens

<220>
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<400> 644
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 ttcacagtac cttatagtaa ttctttttcac gagtcttaac atttctttgt acaacaggca 180
 aatagtttta taccttccat caagacattt cagagctcta gacgtttaga aataagggtca 240
 agaattctct tcaaatgcaa tcattagttt gtattaaact aaaatgccag acggcaagtc 300
 tcagggtttct aaaatagttt taaaaaacag gtttacagcc catagtaagt cttagaaacc 360
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<210> 645

<211> 392
<212> DNA
<213> Homo sapiens

<220>
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atttaccaaa tactcattag tgtattttta cattgactat atgaacatgt gctcgcgact 180
gctaataagt tataattggg ttaatctcta agaaatccat attgcaaagt gttcttggtt 240
agaaaaattc acacagcctt aaaaatggat taaatccatt ttaatcctaa tctacaaata 300
gatcataaac agcaaaatat aactgataat ttttcaatac tgtatcaaac tgatgtagct 360
atggtagtgc acataattca aaatgaggaa aa 392

<210> 646
<211> 365
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA281591

<400> 646
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ccaaaaaaaaac aaacatcatt cttagcaaca tcaattactc ttccacacaa aacagaaacc 180
ttgtaaaatt ttttttcgta tttttaaggg gtaatacttc cgtataaagt atatgcaaga 240
gataaaactt cacagtattc caaaatgtca caataataat aataatataa tagtataatg 300
aagcgctaca gttaattttt ctttttttga atgttttttt tctgttttaa ataacaaata 360
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<210> 647
<211> 369
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA281599

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gtagacaatt ctttgaggaa cagtaaataa ttattagaga gaaggaatgg accaaggaga 180
cagaaattaa cttgtaaatg attctctttg gaatctgaat gagatcaaga ggccagcttt 240
agcttggtga aaagtccatc taggtatggg tgcattctcg tcttcttttc tgcagtagat 300
aatgaggtaa ccgaaggcaa ttgtgcttct tttgataaga agctttcttg gtcatatcag 360
gaaattcca 369

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<211> 319
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA281677

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ttaaacattt ctatttagct gattggttct cacatatact tctaaaagaa acttttatgt 120

tataagagtt acttttttga taagatttat taatctcagt tacctactat tctgacattt 180
taggaaggag gtaattggtt ttaatgatgg ataaacttgt gctgggtgtt tggatcttat 240
gatgctgagc atgttctgca ctgggtgctaa tgtctaatat aattttatat ttacacacat 300
acgtgctacc cagagatta 319

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<211> 374
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA281770

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taaaataaat tttagatttg gaaagggaat tggcaaaact aacattcttt gtagcaaaat 180
gtcccttagt aatagtcaag ttgacctcat ttcagtagtt cataaaggaa aatccaaagc 240
cctcagcagt gaattacctg gccacatagc tgattttggg cactgtgaat gcagaccaat 300
cacctagtagc tggaagctca cagtggtaga catcactatc acagtacttt acggtcattg 360
atttctcgtg aact 374

<210> 650
<211> 305
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA281796

<400> 650
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aggaacctcc tcaccccacc ctggggccct gctgagtcata ttctccgtcc ccttccccc 180
acccagcac tgggggtccg gagacagtcc cagccgggct gagggaggga aatggcagcc 240
acagcctccc agtccctcca ctctgccgtc cagactcagt cttccagggc cagaagggaa 300
gcagg 305

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<211> 263
<212> DNA
<213> Homo sapiens

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agggcgcgga gaggagagag gtagaggagg acgggctggc cgagaagcag tgtttcaggg 180
aggcctgctg gctccgcatg ctcgaaaagc agtcgagaat caacccaaaa aagattgtca 240
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<210> 652
<211> 327
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA282061

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 acacgcttaa gatcaccaca gcataactgc agatttcagg aattacagtc atagagggta 180
 catcaacttg aagagtagat tgagtcttac aggaagttag ttacaataag taacattaag 240
 agcccagctg ccagcctggg attacaggcg tgacgactgg gtccggcctg cttttttttt 300
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<210> 653
 <211> 411
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA282089

<400> 653
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 tttattttct tttttgacat ggagtctcgc tctgtcgcgc aggctgatgt tatatcacc 240
 acctaaacgt ttattaaata gggaaataag tttctatttt gttttagcca cctgtttatg 300
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<210> 654
 <211> 304
 <212> DNA
 <213> Homo sapiens

<220>
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 accttggcca gtatttggtg gcctttccag agcacagggt gaaaggctaa agggctaggg 180
 ctgggggtggg gggagcagga gggcatggca gctgctggct ctgtcctccc agcctgggtc 240
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 aaag 304

<210> 655
 <211> 295
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA282179

<400> 655
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 ttgtacttca gatgaaaaat ccttacatgc ggaatcaatg tcttttaaaa tttcagataa 180
 agaattttca tttgaggaga catacaattg taagtgtca ttttttgtca attttaagac 240
 accattatgt gtaagaagga ttaattttac cataaaatta caaacaccct ccatg 295

<210> 656
 <211> 350
 <212> DNA
 <213> Homo sapiens

<220>
<223> Genbank Accession No. AA282238

<220>
<221> unsure
<222> (1)..(350)
<223> n = a or c or g or t

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agggccttgg agaggcggta gaggttgccg aggttgaact ggatgctggg gttggtgacc 180
cgcagctcgt ggatgttggt ggagctgtcc tgcggacnag atgtcactct cggccgagaa 240
gggggacact gtgatggtgt tcttaagctc atagagtggc aggttgtctg aaatgccacc 300
atccacgtag cgcttcacg ggacacacag acaggaccgt atgtgagggc 350

<210> 657
<211> 375
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA282247

<400> 657
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aaccagttc tatttgatta actatgaata gcaaagtttt gtgacttggt actacttaa 180
atcaccatc tgaaattcat ttacaagggt tttacattaa taaaacagta gtgtggtaca 240
tgtattggac tcagatgaag tctaaagtac actggactct agagagtgga ttacatacca 300
acgaccaaga ttcaagtgtt tggggaaaaa aataccttag acagtctatg ttggcgtaaa 360
cactaaaata aaagg 375

<210> 658
<211> 385
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA282343

<400> 658
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gaacatacaa atgtttcttt tatcatgtct acagtaattg tctatgcttt tccatttaac 180
tggtgttaaa aattccacat atccccatta tttcttctgt cccagttaca gtacaatgac 240
ggggaggaag aggggtgggt aaagcatccc tctaagcagt tttctgctgt cccttctttc 300
caatcagaga tttgtggatg tgagggatca caccaccccc agctatggta gccttgataa 360
gagaatccac tcttcacac cacga 385

<210> 659
<211> 400
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA282505

<400> 659
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tggggctcgg ggaatagtcc ccttgagtg gatgtggacc cccagagtca agggagggaa 120

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gctggtggcc cagttggctg ggggcaaggc caggggtcac ctcaggtcga caggtcctgc 180
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gagggcagct ccagggatct ggcctggggg gggcaggcag aattcaagaa ttcattctca 300
acaagcgagt gacagcagag gctccgggag atgggcacaa tgtccgactc ccacagacag 360
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<210> 660
 <211> 404
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA282516

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tacaggtaaa ttgtctccaa aggactagta aaggtgactg ggtcatcctc ctgccccagg 180
gacactgatt agagaaaatc cgtctgtgct ggcaatacgg cagtgctgga cactcggaat 240
tcccttgaag gcaaaagcaa ggaacagagc gtgattaggt actggacacc tgccaagtgc 300
tggtgctctc ccagtttaca gatgaggaaa ctgaggctcc tcgagttgga gctgggatgc 360
cagcccccat ggacctggca gaacacgctc ttgacagccc caca 404

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<210> 661
 <211> 369
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA282541

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<400> 661
aatgattttta ccactacctt tttatttttgc aggatgtgta acaccttccc ttgctttgtc 60
tgcttggcaa actccactcc ccttttaggg tcacttcttc tcagaggatg tgtcttaactc 120
tctgcctttc atgcataata aaggccctgt catctattct ccagagatc ttgatattctt 180
tttataacat caccaacatt atatcaactga tactcttcat agcagactgc atgctccatg 240
aaggtaggaa taatcatctt tacaacatca gtgccttctc agtgaatggc cataaaagt 300
cagtgaagtga atgcttaata acttgaagtg aaaggagata aaaaaatcat agtaactcag 360
aatgcacag 369

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<210> 662
 <211> 312
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA282571

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<400> 662
gctttatttt gctttatcat tttatttggt aaattttatt caatgcaaaa catatacaga 60
gacaagtaca cgttggtaaa tgtatagctc aataaatcta atgaaataaa cacaccaatg 120
taacagatca agaaagagga cattactagc ttccagatgc cctatcatgt ggcttcccag 180
tttagttccc tcaaggataa tgaatattct gactattaat gtcataagat agttttatct 240
tcttttgaag tttatgtaag tggaatcttt tctgtctggt caatatcatg tttccgagat 300
tcatctatat tg 312

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<210> 663
 <211> 315
 <212> DNA
 <213> Homo sapiens

<220>

<223> Genbank Accession No. AA282886

<400> 663

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aagaatacag cttcacatTT attcatcatt gtccattcac tcattagtTc atgcaaccac 60
aaaaaggTat tataagaata atattTtcatt tctgaggTaa ggaaattatc atctagtatg 120
TTTTTatata acctactatt cacaatgaca Tgtagaattc Tctctgttat tcaacatatg 180
TtctTgtTct tcaaaatctg caatatctgt agTctgattc ttggagactg gctcaccgca 240
attgtctagc agagctTtag accaggaagt gccacacagc aagtagTttc catcacagTc 300
TtagctagTt tattc 315
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<210> 664

<211> 314

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA282956

<400> 664

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Tgtaatcatc attcacgtg Ttgatgatgg cttccaccg cagactgcta cagggaccct 60
aatgctctTc ctgtctgaca tcaatgacaa cgtcccgact ctccggccac gttcccgcta 120
catggaggTc Tgtgagtctg ctgtgcatga gccctccac atcgaggcag aggatccgga 180
cctggagccg Ttctctgacc catTtacatt Tgaattggac aatacctggg gaaatgcgga 240
ggacacatgg aagTtgggga gaaattgggg tcaatcagTt gaactTttaa ccttgagaag 300
cctgccacgt ggta 314
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<210> 665

<211> 226

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA282971

<400> 665

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TTTTTTTTTt TTTTTTgag gactgaaata agagcatgat attTcacaat gaaaataaaa 60
ccaggccacg caagaaccac Tgcggcctgc ccgtgactTg gctTcccctg cccagcatcc 120
Tgtcctccct ggtccatctc Tggtgaggac ggctgggagT gggctctgtg gctgctagca 180
gggggcaggg aggagctggg actgtgggtc gtcttgggcc gtgggg 226
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<210> 666

<211> 408

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA283066

<400> 666

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gattgtattc aaattTttat TTTTTgaaca aaaattTtaag acaatgattt taaataataa 60
aacatggTat atattctaga cactggTttt TTTTaaagat ttattTaaatt tagactccta 120
tagTtctgtT gtgatgctTt ctTcaacatt tatattattt ctTaccattt tatcatcact 180
ccaagctTgc taaacaaaga atctctctgt taagtgaagt TttacattTaa ggaaatactc 240
cactagcaca ctgaacaaac ctacagaact gtcctagTtt atattTtaaa aacacaagaa 300
gtctgtccag ccattTtggT TttgtTgtTa cactgtccat actgagatca gcagagagct 360
aagtaataca caagattacg ctTcggcagT gcaaaggatg gcatcaac 408
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<210> 667

<211> 382

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA283085

<400> 667

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agatttttca tacacatttt atgtacctat tattacaaaa aagcttataa tctgatggta 60
gtagactgat tgcttacttg aaaatattaa cttcatacat atcaaaatac accatcctca 120
actatataat tggactgcaa aatgcttgat atgaagtatg taaaaaata agcagtttat 180
tataccttac aaccttataa agggttgcta tctagtacaa agataacatt tatcttataa 240
caaaaatttg atagttttta aggtagtat tgtgtagggt attttccaaa agactaaaga 300
gataactcag gtaaaaagtt agaaatgtat aaaacaccat cagacagggt tttaaaaaac 360
aacatattac aaaattagac aa 382
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<210> 668

<211> 258

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA283182

<400> 668

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aagaaagaca ctggatcttt tatttttttc ctttcatttt ctttttctta aaaaaacaaa 60
atgaaaccaa aaaaaagcct gaatcaaaac ctttttagga gtagttacag atattatagg 120
gatgggggcy gggggcacta aaacaaaaga gaaaagcacc agtgagatgt ctttccatt 180
ttcttctctc cgccacggaa cacgcacacc aacagagccc aggccacttt ttgccctctt 240
cccttgga aaaggagga 258
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<210> 669

<211> 520

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA283711

<400> 669

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tttttttttt tttttttttt cttttccaac tttatttaga aaaacaaatc cagggtcccag 60
tgccccctgt accctccccg accccagcca taatttaa atcttagaga cagagttgga 120
gggaggggac aggagagggt ggggtcacgg tggaaggagg aagagagccc actacagccg 180
cgcagcgcc cgcttcttgt ccgtcttttt cttggccgcc agcttcttat cgcgctcgcc 240
agcatgcttc ttggccatgg gacctcagc ccctcccggg cccctggcg caagggtctg 300
ggtggaggaa gcttcagtgc cactggccag ggctcgaccg gcttcggccc tgccgctggg 360
cccgcggcg cccacgtgg atctctgtga gcagacgggc ccgagctgca tactcctcgt 420
agttctccaa gagcaggcgg cccgcttcct cgttgagtgc agactcgggg ttagggtgga 480
tcagcaggca cttgatggtc agcagtacgt gtcggatgcc 520
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<210> 670

<211> 453

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA283758

<400> 670

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tttttttttt ttgacagttt ttaattgtgc ctttattcaa cttagtctat taaaaatggt 60
ttaagatcc tataaataaa gtgaccactc acatgggata taggtcacc ctcagcatgt 120
tatttttttt cttaaaaagc agtatttctt acaggaatct tactgatcac acggtagtta 180
caataatgtc agatatgatg tatacagtc aaacgagaca gtccagttaa gaatatacat 240
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aatgtaaaaa tacacatatt aaaagtttagc caagtggaca gacgcatgcg ggggtggggg 300
gagcaggtga caggaactcc ttttaacaatc agtagagggc ccagatgcaa agaattctggt 360
tttccccgtt acagtaaaaca gcttttacta acgtatacag gtattttcata cacatctaaa 420
cacacaaggg taagtttgtga cctgctacac ata 453

<210> 671
<211> 334
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA283759

<400> 671
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gggtggaagg caggactggg gtcccttccc caacaacagc gcagaagccc caggaagatg 120
gcgagattc ctgacgaccc acagccacct tttatgaggc cagagacttt acacaccaca 180
ctccccacct ccattccagtc aaggctctgc gatggaacag ctgatatctt taggctagag 240
gactccattc tgtgtagggg ctcatcccca tctcagctcc agaacacgga ggacctgaag 300
attactcacg gattcctcct tcaggcaggg ctct 334

<210> 672
<211> 297
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA283832

<400> 672
aaagtaataa acttattttta atagtgcaaa atgtaatctg ctttccaacc aatgaaagaa 60
aaacttgcaa aaaattttatg aaactagtca ataccttgaa caaagaaaaa cacaaataac 120
taagtaaaata ttacaattgt gtactccaaa cccaaaaaag cagagaccgt cattacaagc 180
caaacttttt ttagagttgg ttgttgacag ttactaaaat gcgtaaaaca aaatctctac 240
ttttcagact tacagaaaag aaataactcc aataagaaag ctaacttaag gtttcat 297

<210> 673
<211> 242
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA284153

<400> 673
tgcacaaaaa agagcagtaa aataaatact cagaactttc ccaggttgtc aactattaaa 60
ataaaacctc agcatttcaa aaaagcttat tccgctgcag gaaagaagggt ggacattttt 120
ggtaccataa taaatcacac actcacacat ccatattgct taggttgaag agaacggaat 180
gaacagagga aattttcttc atgaattgcc ctcttttcgg taccgcgcat gtttttagtta 240
cc 242

<210> 674
<211> 404
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA284558

<400> 674
tttttttttg ggcagcagaa tcaggtttat tggagggatt tgacattgct gaatcggggac 60

actggataga gcagctggac aggagttggt ggcagtcctg gaaccctgga tcttaagaaa 120
tagagaaact ttccattctt ggagtgcata atggctctct taataaactc tacaacagat 180
tgacagcggc cctcaaaactt gggatgacac cacaggtga aggttcctct gtagtgctcc 240
attctagtgt ggtgggtgat accctgtgat cggaaactga ggctcaggat gtaacgagga 300
tcagaactgt ctggtaccag gaaagaacca tctggtttcc ctttcagctt catctctgca 360
tcttcccaat tcattggccc ccaataccaa ccacacttct ccaa 404

<210> 675

<211> 238

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA284565

<400> 675

atcaaaagtt tgttttatatt tcaatacaag ataaataacca tgcttggttac tagtgcagtt 60
taaggccgac aatggccata tatcaaaactg ccgaacagtc acctaaatgc taaagaaagg 120
aaagacaaaag taaacattaa acacaaaatt gcaattacaa acatttttaac aaaatggaat 180
gagctttttta attgaagcta atatgaagtc taattctcat ggacagcaaa aaaaaaaaa 238

<210> 676

<211> 316

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA284720

<400> 676

tttttttttt tttttttttt tttttttttt ttttctgtta caaacagggtc tttattaaag 60
atgagaagcc aggtctttat taaagatgag gagggggcag gaaagggggg cagtgtctct 120
ctaccactg cctttgctg cccgggggtga gggagccctc ctgctccacc catgcccccc 180
atgatggcac atctgtatga ggctgaggca tggggggcag tgtgaagaac aggggcaggt 240
tccaagaaaa agaagaaaaa cccttcccac agccctaata aataacagaa ggggttgagg 300
tgacctgggc acaggc 316

<210> 677

<211> 225

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA284721

<400> 677

tttttttttt tttttttttt aaaaaaaacc atgaatcatt tattctttgg ttgtatacac 60
agacacttaa gtactgtatc gctgttatgc agcggcctgt ggaggccctg ggggtggctg 120
ggcctgtgtc ctgagccctc agccagatcc aggggggtgc gtgtctgggc atgtccactc 180
caagagcagt agcaccatgt agaaggctgt gagcagggtc ccctc 225

<210> 678

<211> 478

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA284795

<400> 678

ttttgggggc aggggtgcctt tattgggtgaa tgggaatgtg tgggttgagg ctcaatggcc 60

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<211> 428

<212> DNA

 $\langle 220 \rangle$

<400> 679

<210> 680

<211> 421

<212> DNA

<220>

<400> 680

<210> 681

<211> 425

<212> DNA

 $\langle 220 \rangle$

<400> 681

209

<210> 682
 <211> 349
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA285132

<400> 682
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 aaattcatat tttaaaatgt ataccaaggc aaaaaaatca tataagctat atcataaata 120
 caagagtttc aaaacatata agagacatat aatgtaaaaa aaaattatat atatgaagtc 180
 caatgtaatt tataatacaa aaaaatacag caagggaaaa tgcttttagaa atgctcatct 240
 gcaaaactaca aaacaaaatc ctctctttga ccgactgcat gaactgccat gaaattttgca 300
 gctccatcat actaggtatc tcttctttct tcatgttacc ttgtctttc 349

<210> 683
 <211> 310
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA286710

<400> 683
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 tattcaagaa taagtacttt gtacagtaca taaaacaata cataaaaaatt tgccaaatac 120
 cttctgctta taatgataca agatgaatcc actttatggt atcacaatgt gctgtatatt 180
 ctaaccaaac acaggatgtc agatgtgtcc ttgttaatat actcgcaagt tctcttagct 240
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 tgaaggaatc 310

<210> 684
 <211> 473
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA286911

<400> 684
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 aaattctttg gatgaactct gtaaatagac tactgacaca tagcactcaa aaagtcttat 120
 gaaccttaaa acacaaaagta gtagactggg tagacatagg gacaatacag ctcatcattt 180
 catttttgac atgttggact tcaccatgca agtaaaattaa tgcataatg atattttggt 240
 ttgttttgag aaagggtctt actgtgttac ccaggctgga atgcagtggc aatgatcttg 300
 gctcacagca aattctgtct cctgggctca agtgatcctc ccacccagc ctcccaagta 360
 ggtgggacta agatgcatac ctctatgctc agctaatttt taaacttttt tttgtagaga 420
 tgaggtctca ctatattgct caggctgggc ttgaactctc gaagtgttgg gat 473

<210> 685
 <211> 361
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA287022

<400> 685
 gaattttcaa ttagttaatt tcataagcta cagcagaggc gtggaccctg ccctctccac 60

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acttgaagag ataagcccct gggatccaag tcccagcaag gttggtgcc a cccatcttgg 120
tgaaaagatgc tgttggtcct gtggaaacca tcaccagagg taggaagggc tttgagccca 180
aaaggaaaaca agaggggcgtg aatccaggcc atcctcaggg gaggggtggga gcccaccca 240
ggcagagagg cctaagcctc agtgtgggcc aaggctcaaa ggtgctggca caaggcttcc 300
cagggggaga atcagaaact cagcagtga agtccgcaga agggggaaga agcaggctga 360
t 361

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<210> 686
 <211> 389
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA287122

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<400> 686
ccttttaaat gcttctttta tttcattggg tgtacattgg gtgagtgaac tgaatattac 60
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gggaattctt taagtgttac agaaagattt agtagaaatg ttaccagtg tatggctgaa 180
agaatatctt ggtgaagtgc tgttatatcc tgaaaaccaa gagtgaaatg tagttcccat 240
acaagtggag agttagtctc ttaactacag tattgttga actgatatct tcatgtcttg 300
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agacttctga atataaaca acttttggc 389

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<210> 687
 <211> 406
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA287347

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<400> 687
tttttttttt ttttttaaat ttaagacagt tacatgtctt tattacataa acatcataat 60
atttctcata ggagttgggc ttcagtttgc ttgttgcttt cgcagaatgt caaatatcta 120
tagaaaatgt ctaattatct atgaacaaac attcccatcc ctgccccgca aaaaatctca 180
ttgcctgcaa ttcctaacca gattcctgag aaaaataata ggatttattt tatagcatca 240
tacatagatt ttctttcaag atataaaaaa ggacagactt ctaaaacatg aatctccttt 300
cgtttacaaa gttctataaa aatacattaa gtatgttcaa atgtttgttc tttcacttta 360
tattccagtt taccagaaac aaaaaatggc agtacataag gatatg 406

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<210> 688
 <211> 321
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA287393

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<400> 688
ggaagttaga aaagtctctt ttttaagtttt taaattaaaa tttcgccctg gtgagatggg 60
attctgattc gggaactaaa cccaaaggca ggctctccac tttggacctg gacacgcagc 120
gggaggggca gggcgccag ggcagtcaag tcccctgctg ggcagagcgt ggcgctttga 180
ccaaagtcag ctctcagtg ccacatcagc cctgcacatt cagcaggaga caggggtgat 240
gagctatggg gccacaacca gcaatcagag gtggggaaga ggccatgggg agagagccct 300
gataccaaga gggccttcca c 321

```

<210> 689
 <211> 425
 <212> DNA
 <213> Homo sapiens

<220>

<223> Genbank Accession No. AA287550

<400> 689

```
tggggggtttt taagggtgccg catgttcttt ttagtttcca tacatcgtct gtcccagagt 60
gaggagaagt tgatctcctt cccacatcca cgggaggctg cgtgaggga gacctggctcc 120
ccacaacttg ctcccttctc agccctgccc ctctcaatta aaacaatgt ttcttttttc 180
ttttcttttt tttgagacgg agtcttgctc tgtcaccgg gctggagtgc agtggcgcca 240
tcttggctca ctgcaagctc cgccctctgg gttcacacca ttctccagcc tcagcctccc 300
aagctgctgg gactacaggc gccaccacc acgccaagct aattttttgt atttttttag 360
tagagacagg gtttctactgt gtttagccagg atgggtctcaa tctcccaacc ttgtgatcca 420
cccac 425
```

<210> 690

<211> 490

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA287566

<400> 690

```
tttttttttt tttttttttt ttgcagcaga aaaagagttt aataatcaca atgccattgg 60
gcaaagagat gaaggaatcc tcaagcttca catctgtctg cttgaggggt tctgggccag 120
ggtttttaag gggattgtgg cgggtgaggt tctggagaat tggggttgtc aattgctcag 180
gtcaaggaaag attaaatcat catgatgtga aaacttcatt cttctgtgag tcggctcctt 240
gctgggacct tcagatcaac tggcatcaac aattttatca gtatgcgtaa cataaaggag 300
aaactcaaac agaaagcata tcatctcatg tgccttagat cttatctata gaaaagaaaa 360
ggaacacagt cttgtgacaa gggctacact atcttggggg agtaagaagt aactagctac 420
aaggaagtag gccaaattgg gaagtggatt tcatgattgc cactgattat tctgcaagcc 480
tagttgaatt 490
```

<210> 691

<211> 505

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA290594

<400> 691

```
gtaacttttt tgtttttctt tctgcttcat tatgaagata actacaggaa tatataacat 60
tagttcctgt tttccaccct gtgaatttac ctgaattcat agaatccttg cgtgctttaa 120
gcaaaaaatg tattttgtat tgaaattgat tcttatctca attccagaca cctatacagt 180
gctggagaca cctaccctac accacgaaat gccagacagt aattcctaga tcaaagtaaa 240
tgatctaaaag catgcatcac atctgatctg gaagtgggtc agaaacagggt gtgttgcatc 300
ttctgtagct gtaaatagag attctggaag ggtgatactg tttccttttc agggtaataa 360
accatactt gttatgccat caagccaagc agcaaataaa taatgtcatg aaaatattat 420
tagaacaat taacaaatta caattacaat tatcaaatta acaattagaa tatagtagca 480
ccatcattct aaaaatttaa atttg 505
```

<210> 692

<211> 375

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA290674

<400> 692

```

cttggcccta ggcggaaggt ggcttttatt tcctctcttg gggaaggagg gggagggagc 60
tttcccaagc acatcaacct aaggaagggg tggttgcgcc cccagcagcg aggggatgga 120
actgctgata attcggaagg aagggttcgt tcttgccac ttcctggccc ttggctgcag 180
ggtgtgctgg caggggtcac tcccctatgg gtggcagctc ctgcatcagt ggagggcaca 240
ggaggtatct gctggtgttc acgaagagga gggggcaggt gccatgagtg agggagaaaag 300
ggctggggtg tccgacccca cgccaacgcc tgcccagtat gatcactttc ataaggcctg 360
gctggtggga ctctc 375

```

<210> 693

<211> 236

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA290776

<400> 693

```

ggaagttatg aaagaggctt ttaatgaaaa tactgtacag tttatgtgag gcaaaggcag 60
ggggccttgt ccaggaaggg aagaggccca agaggcttcc tgtccccttg gggcaggcag 120
agccaaatgc ttgggctcgg gccaaagctgc ctgccctgca gggccagagg aggtcctgat 180
gagtctgccc ccttccccttc cagaggggct gctgggcagc cagcagcagg gtgttt 236

```

<210> 694

<211> 351

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA291137

<400> 694

```

ctgtggatga tcaattttta tacaattata cattcatgct gtggtggtaa caactttcac 60
attatttgta ggactacttt tctcaactca tgacaaaggc acaatccaaa agtataaatt 120
aacattacaa taagttttta acaaagtgtg acaaaggacc aatctgaagt attaaacaga 180
aaacatctga atatggatca acttgaatat attttcattc cagaaaatat tttgtctttt 240
caacactgtc tcattttgct atgatggcag ttttgtgtac ctggtgactt actcttaata 300
cccattcaac atgtaacaat tataattaag cattcacata ctggatagac a 351

```

<210> 695

<211> 408

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA291139

<400> 695

```

tttttttttt tttttttaac aattttacat tgacttttat ttaataaaac cacctattta 60
caattcaaaa aagtcctact ttgatacact ttactaaata aaattaaagg ttaactgtac 120
aagcaattaa aacatgatat gtagcaagtg ttatcaggag ttttcagcaa actattttaa 180
atagtcaaaa actgagcagt taaaaagtac cttctgaagt gaatgccgtt tctaaatggg 240
atcccaatgc ctggcgggag aggcagcctc actctactgt gcaggctgga caaagggtccc 300
ggccctgaag tcttagactg tgagagtcaa cggcatgtga agtggagtgt gcagacctct 360
ggaggagcag cacgtcaatg tctcatttcc agtttactta aaccacac 408

```

<210> 696

<211> 327

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA291168

<400> 696

```
ttttttgaaa ggtaagtacc attttatttta gtgttgtagg aaatgttggg ttactttctta 60
aaaacgaaac caaagaaatt caaaagtccc aaagaaagaa agcaggaaat aataattcta 120
taatccaaaa acgttgggcg atccttcagt tggaggaaga gggcgtcagt taagtagctc 180
acacagtaga tatggagaca ccatatggag atacggagtt aagtttggtg gatactagga 240
attaagttct ccacctaagg caattaattt ttcagccttg agagataatt agtagttcta 300
gaaaaagaaa aaaagttgac tgggaga                                     327
```

<210> 697

<211> 299

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA291259

<400> 697

```
gttttagttc agtttatttt ttaatatgtc ctgagttctt tctgttcata aaattatgat 60
cttatgacag ctgtaacttt taattaataa tattaacaaa tcattattga tataaggcttt 120
tcaatttgct caagattagg aattgtaagt ggaatgaagc agcacttcca gttgacaaat 180
ggatccaaag gtaatccaat gtctttttaa ttaagcttgt gacaattaaa ccaatacact 240
gtagcaatga gaaaactatt gacaaagtat aaccaggga tattcatctc aatatatgc 299
```

<210> 698

<211> 394

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA291293

<400> 698

```
caagatagag ggttttttatt gaaagtaggt tatgcaaact tggcttgaaa ggtacttatac 60
atttttaaaaa ttatgcctaa tgatgcacaa aatacaaaaa catataatac atcaatagtc 120
aaccctttcc ccataaaggc aaagttactg agaaatgttt atttttcctc tggtaatggc 180
taatccaggt aataatatga aagcaaattg aaaattcaca ttgcttcttt cattgcttct 240
gtcccttaaa cctgttaatc tttcagaacc acattactga ggtgctggcc tgtgcatgga 300
aacccaatga tatccagggtc ttacagggtcc agggcccagt ggacagacag gccctgggtcc 360
tccacgtctg ccaccatgtc ttcgatggca ttcc                                     394
```

<210> 699

<211> 546

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA291323

<220>

<221> unsure

<222> (1) ..(546)

<223> n = a or c or g or t

<400> 699

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tttttttttt ttttttgetg gaaaccaaca ttttattgag cactcctget cctcggaatc 60
tattccagta gattctttgc cgagggatca catatcacac aggggtgtga ccagcactcc 120
ccctgctacc tgccgtgtgg gcagggcagg agtgaatggc tcttctctggg cacaggccac 180
agttaaccgg tgacaattgc agagccatag gaattcatct tttagaaaaa acgaaaactg 240
gaataaaaaa aaaacaaaaa acctgagtat aaaacctcag cagtgttcca gcactatctc 300
```

```

gggggttttaa tataaaaagg catcatgaga aaacagttaa aaagataaca gcagcagggc 360
gccacctccc agggcaattg gtcattgnngg gttggggccaa gcctgggtctt gaaccgccgg 420
ggggcttact tgtagcagca ggtgcaagcc cccgctgagc aacggcaaaa gcaacgccac 480
aaggcagcag cacgccacaa ggacctgttt tccagggacc caggaccggg gttctggggg 540
tttcca 546

```

```

<210> 700
<211> 244
<212> DNA
<213> Homo sapiens

```

```

<220>
<223> Genbank Accession No. AA291456

```

```

<400> 700
gactgaagac atgaaggacc tagcctagga gtgggtcaggg tcccgggaggt ggccaggggtc 60
ccgtgtgtgc cctctgccag tcttcgctct gtccccgttc aatcaacccc atctcagttc 120
agcagaaaaac ccctcgtca aataaaaccc actgactgca aaaaaaaaaa aaaaaaaaaa 180
aaaaaaaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa 240
aaac 244

```

```

<210> 701
<211> 330
<212> DNA
<213> Homo sapiens

```

```

<220>
<223> Genbank Accession No. AA291644

```

```

<400> 701
gggtgtggaa acatgtgagt gtattatttta tttttgaata aataatacaa taaaatataa 60
aacatacact tattgtggcc ctctgcacaa gcaatctggt tgtgcagagt cttgggtgtcc 120
cctgctagtc ttagtacctg tatagagctc ttcagactgg gtgtcgtgtt gcagaggcta 180
gcaccattcc tgatgtcacc ctgggtgaga cgtgggtcctc agaatccaga tttccttttt 240
tgtctttttc cttcttcac atgttctaag aaaacataga tttctggcca ggcatggtgg 300
ctcacgctg taatcccagt actttgggag 330

```

```

<210> 702
<211> 262
<212> DNA
<213> Homo sapiens

```

```

<220>
<223> Genbank Accession No. AA291659

```

```

<400> 702
ttactagtgt gattgcattt attcttataa atgtacagag ctgtagaagt gcaagccaag 60
agttctatag agtagtacat aaacaccata tggtagcact cctgctggga ggtaagcctg 120
gataaccccc tctctcagg aaactgtcac ctgcagaaca cacagcactc agaattaagg 180
cagtttgccc ctgggcacat tgggtgtatt ttggtatgtg gccactggcg ctaaacaact 240
gaccatttct accctgcctc ac 262

```

```

<210> 703
<211> 214
<212> DNA
<213> Homo sapiens

```

```

<220>
<223> Genbank Accession No. AA291749

```

```

<400> 703

```

```

tttagttgta attcttttatt tgaacatcaa ataggttgag aaaattgttt acagggtgctc 60
gagcatcccc ctggattctt tttcaaagtg caaaagaggt ttacaagtgt gtttcattaa 120
acaaagcaaa gctgcgacaa aaccgagtc catcagtaat agtatgcatc ggcaaaaggg 180
catattaatc catcaaacac aatttgcat ttga 214

```

```

<210> 704
<211> 187
<212> DNA
<213> Homo sapiens

```

```

<220>
<223> Genbank Accession No. AA291786

```

```

<400> 704
gtttatacgg atgactggga ggcaactgcac cacaacgtag gaccctggct cccctttcct 60
tggttccttg tggttccttg ccctgtccaa ccctggacag ttggctctac ctcagtaaca 120
ctttatagca aaatcagtgc aaataaaaaat ccctcagtga cctcaaaaaa aaaaaaaaaa 180
aaaaacc 187

```

```

<210> 705
<211> 312
<212> DNA
<213> Homo sapiens

```

```

<220>
<223> Genbank Accession No. AA292086

```

```

<400> 705
gatattgtag acctttatatt tctttaaatc tcctaataaa aacattaaac tttcaagaag 60
attccaaact gacattgcat agaccaactc ctttccaaaa atatctctga tatactctcc 120
aactctctca atatatagaa tttgaagtcc aggagctgtg ggcacctggg gggaattcac 180
tgagctcaag gggacaagag ggctgaggac agggctccca catggggaca agggcaggct 240
ttctggctc tggttccagc cagcatcaat ttggttggtg ccaaattctc agtccaatca 300
ccctggccca gg 312

```

```

<210> 706
<211> 329
<212> DNA
<213> Homo sapiens

```

```

<220>
<223> Genbank Accession No. AA292158

```

```

<400> 706
tcattggccc tcattccaag cactttacgc tgtctgtaat gggatctatt tttgcaactgg 60
aatatctgag aattgcaaaa ctagacaaaa gtttcacaac agatttctaa gttaaatcat 120
tttcattaaa aggaaaaaag aaaaaaaatt ttgtatgtca ataactttat atgaagtatt 180
aaaatgcata tttctatggt gtaatataat gagtcacaaa ataaagctgt gacagttcaa 240
aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa 300
aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa 329

```

```

<210> 707
<211> 431
<212> DNA
<213> Homo sapiens

```

```

<220>
<223> Genbank Accession No. AA292328

```

```

<400> 707
atagagacag ggtcttacta tggtgccag gctggtattg acctcctggc ctcaaacgat 60

```

```

cctcctgcct tggcctccca aagtgcctggg attacaagca taagccactg caccgcggccg 120
agagggggttt ggaatgaagg tagaggcagg gggatgaagg cgccagagct gaagaccagc 180
ccccagaagc cacacccttg cccttctagc agctacgggt cctctggctc cgggccttgt 240
aaacctcgat gagcagggtcc ttgacgtact ggatctcgcg ctccacggac tctgcccgtt 300
ccttcagctc gcgattccgt gcctccagcc cctggaactc gaccctccag ggccctcacc 360
tctgcccgtc tccgctggcg gtacctcaga gccgcgcact tgttctggtc tctctacttt 420
tgcttgcggt c 431

```

<210> 708

<211> 338

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA292379

<400> 708

```

ttgttttttt tttagacttt tgtgtttttat ttaaaaaaaa aaaagtgtga agtaagacaa 60
aatggacctc taccaagttg tagggaagga caaggaaaag accaggggta gaaaaggagt 120
gtaagtttta gaatgggtggc attggcatag atgtgggaag agtataaaac tagaagaagt 180
ctccagataa aaatatgcaa aatatgtctg tttaagtata aacattttct gtccacatgc 240
aaagaggtgt ttaccacccc aaaaagggta tatgttgag tggggacttc actcgcgctg 300
gatatgtatt accctccagc ctggaaactt tgtcttgg 338

```

<210> 709

<211> 431

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA292440

<400> 709

```

cagaggcttt agaaatttat tacaaggccc tcatagtaga aataaaaata tagatatcta 60
tgcttcccat ctgcgtctca gtgggttcgaa taacaagtgc aagtaacaaa atagattgtc 120
tctataattc gcaaaactggg agttcatggg tacagagcaa cttcagcccc agctcccaag 180
tcccaaagtg tggctctgtc gagggtgcag acaaggacca accaagttca accaagtctc 240
tcgtatgcag acgccagctc cagtctcaag gaggggtggg cttgcagtea gtctcactcc 300
acccccgagt ggacagtctg gaccctccgt gatggggaag gcggcacgtg ccccgccact 360
cgggttctg ctccatccca aggcctcagc ttggggggtc ctgtctcctg ctggcctggg 420
tcccccttct c 431

```

<210> 710

<211> 340

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA292659

<400> 710

```

ggttttggac atataagttt aattacctgc tagactatca gatggaaata tgttggtaaat 60
ggatggaaac aaggtagata aacttaggag gcagaaattt ttaaaacttta gggtttagaca 120
ttcaccagat tggacaattt ttaacattta aaataaaaact ttttgtcata aaaaacaaat 180
gtattaaaac tagtttccag aactgcccga atgacttttt aaacatgact taaatgtcgt 240
tttgacaaat ctatccaaaa tactaattta ctttttagaa cttagtttat aatttatata 300
ttaaagtgcc cttaattgat attcattggg ataccttcct 340

```

<210> 711

<211> 391

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA292711

<400> 711

```
aaagccatgt aaaacccgaa gcattaaaat ttattaaatg atgcaataac aacagaattc 60
tttattttaca atagcattat ttaacatcaa ataagcaa atgcacagca aagcaatatt 120
aacttgcata aatgtattta aaattttctt gaatatatct acctttgcat aaactgctca 180
cactagaaat acaaacatca atgcaggatga acaaagtgtat gttcagagtc aactccattt 240
tgaaaataaaa tcacaacctg aaacactgta agctttctcc tgaagaacca tagttaatat 300
attgcttaat tttacccttg tataatcttt tcatatacac acatctcaga tgcaacttca 360
tgagggaactg tacaataaaa actcacaat g 391
```

<210> 712

<211> 412

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA292765

<400> 712

```
ttaaatgtat aaccttaaat atttatttga gaaaacaaat aaagatccaa atacgtgagt 60
tgatcatctg ataaaagtaa gagttgacaa aaaaggtaca tcttctccaa tccgaaaaca 120
gaaagtggga aagatcaagg tatcactaga ggtcaatgaa acaaaacata caatagtgga 180
tgacaaaagc caatctctga atctttgaaa agaataaat aaatgaacat ctgaaaccag 240
tgatcgagaa atgtttttaga taaggcacia aaagatacca agaattgtta cactaggctg 300
tacatcctaa aacagtcaga tgagctcact gttataattc tggttcaccg caagaacctt 360
agcaciaaaga aaggactcaa caaacatttg gatccatgaa taaaattatc tt 412
```

<210> 713

<211> 251

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA292773

<400> 713

```
tttacactct ttggttctct tttatttctt gaggattaca tgaaacgtga actatacagg 60
aaagtatggc agccaggctc tggggccagg ggctggcggc tgctccctgc ccacgggtggg 120
ggcttctctc gagccgcggg tctctccgg ccatctgcat ccaggcgggt gctacttgga 180
ggcagtcagt aagctgttct caatgcagag cacgatgtag gcgtgatggc agctcgcggc 240
actctgcccc a 251
```

<210> 714

<211> 407

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA292788

<220>

<221> unsure

<222> (1)..(407)

<223> n = a or c or g or t

<400> 714

```
cacagctgaa ttacattttac tgtacaaaga acggttcgga gagaaccagg aatggcggag 60
```

```
tgtctaacag cagccgcngt agtgttgatg ccgtgaatgc aggaccatcc aggtcctcaa 120
agtctgtgag gtttgttcat aatcccaaac aagggccctg ctggcagcaa caggacaggt 180
ggggccagga caggggaagct ggagcaggag gccagtgtct ttgggggctg tggcagggcg 240
cctgcatggg gttcccttac tcatctggta gttcatgcag gccacggcgc tcatctccca 300
ggaacggggc atggggcgag tccactgggtg cccagtaaca ccctccgtgg gaccaccttg 360
ggaagcatgt gccgcggagt ccaccacggg gggtcctggg tcccggg 407
```

```
<210> 715
<211> 500
<212> DNA
<213> Homo sapiens
```

```
<220>
<223> Genbank Accession No. AA292931
```

```
<400> 715
ttttggaata ccatttgtgtt tattgatcaa acctggcttc gagtgtgaca gagccattct 60
tggttctcct tgaagtaac aagaacactg ggtaacatgt gaagtgcag gagactcacc 120
tgaatcccac caaagtagta gctggacceca gtagcctagc ttattgtctt ggcagtggcc 180
ctaccagta ccattagacc tggttttgtc cttacatag gacagactgg gcttctccac 240
tcccgccagg ctggccctac ctccacctgt ctttgggaagc tagtatgtaa gtaagggagg 300
agtcacaaag tttatagatg ggtaggctga ggattgaggc aggaggggac ttaatggctg 360
agtcctctggc ttgttccaga gccctggccc ttgagccct ggactgggtca gtgcatggac 420
actctccct cccagctcgg gcggaagact tttcctgact tagctgctcc atacacacaa 480
tctataaata tgtatttgc 500
```

```
<210> 716
<211> 445
<212> DNA
<213> Homo sapiens
```

```
<220>
<223> Genbank Accession No. AA293327
```

```
<400> 716
ggtaattagc acttaatttt aattaaaatc aacagttcag gagaagataa gatagtgttt 60
aatatcaatt tctgagaaat cacatttata taaaagaaat aaaacaggcc agcagaagtc 120
caaaaaagat tcagcttaca ttattgcact tggatgaaat atgctattta gagtagtata 180
atattcaggc caggccagga ggagaaagag aaaaatggag aggacaaacc tccaggtagt 240
atatttccg gattccaaac tctcctgcgg cctaaacagt atttagtcta ttggaaacat 300
tcagcaaggt ctttacaaaa atgactgcag tatcttcaac acatttgagt tgcactcata 360
cttcgttcca gtcagtgtga agttttaatgc acagctctac ctcacaaaac gggatatcta 420
tgacaccaga acttccctgt gccca 445
```

```
<210> 717
<211> 321
<212> DNA
<213> Homo sapiens
```

```
<220>
<223> Genbank Accession No. AA293420
```

```
<400> 717
ggtaaaatag ctttatcctc tgtcagaaca caaacaaca aactttgaga ggggaggaag 60
gaaaccgtct agtcagggc tcaacttagga gagggatgag attagaaagt tcaacacact 120
gcttgtgcag cggagataaa gtcaagacct tagcaccac ttataaatat ctggttatat 180
taaaaaaaaa aaaaatgtcc agggcccacc tggctctgct cctgcacaga aagggttcat 240
cttcactttg tgatctcaca ggtcatggag tgagggtggg agagagggggc agaaatttca 300
gggggagggg tggttgggaa a 321
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<210> 718
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<211> 198
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA293485

<400> 718
ataatattga ttttaaataag tggagatagg gtctcactct gttgtccacg ctggtcttgc 60
ctcaagtagt cctcctgcct cagcctccca gaggctggg attacagatg tcaaccactt 120
caccagcct gtgctgtctt tattgaaaat agcaagcga gatcttccaa accagaaggc 180
caagcaggaa agcccagc 198

<210> 719
<211> 412
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA293589

<400> 719
tttttttttt ttttttccag ttctaaaacc aaatctttat tctctagttt gaaaaggagg 60
ggtaaatggt tgttctgttt agttccagag aacagaacaa ggccaatag gtagaaatta 120
taggaaagca gaattcattc attataagga aggatttcta acaattagaa tttctaacaa 180
ttagaatcat ccagggcctc aggaggtgag gaagtctctg tcacctaatg gctcaagcag 240
aggccaggtg tccatatgct agaaatggag aaaaggaaac tcaccagcaa ctccccctca 300
gctggccctc catcaccaat gcggcagtc ttgccgtgac atgctgagct ctggaaggag 360
cgaaggaggg gctgcggtgt tcagacaaga gcctggacac agtgcgtgctg ac 412

<210> 720
<211> 326
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA293719

<400> 720
caaagtattc aagggtttta ttggggccgc cctggctgcc cctcacagtg ttgcaagaac 60
ccgctggtct tgctgttgcc tttgctcttt gggggcttga gaggaaaggc agagggagga 120
ccaacttatt tgggagagag aaggcccatc ttgggggcta agaccagggtg gtgcggaacg 180
agatttaggg aggggagggg ctacttaggg gctggaagg gatggggctg cctcctggag 240
tgtgtgtgtc acagagtgtt ggctttgttg gagggaagg aaaggaggc acacaagaag 300
tcaggaagag tggatgggag gtgctt 326

<210> 721
<211> 340
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA293868

<400> 721
aaacaattgc gatctaaaaa gtcaaaaatc tgaaatttaa taatatgaga cttacactga 60
atataatgtt catttagaag ttgctgtggt ccacttcatt tataaggaac aaatattttt 120
acagtacact atagcaacag caaaagccct ctctaccct gataggaatg gggttctgtg 180
gtgtctagaa gtttagattc tgctgaatag aattagccat cttaaaaga ttttaatacca 240
atactgaact gtttataaaa tgctttctct attgtaatgt actgtaagta gtgaaattct 300
gtatatactg ctattttctg tctgttcatt gttgtgaact 340

<210> 722
<211> 227
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA295819

<220>
<221> unsure
<222> (1)..(227)
<223> n = a or c or g or t

<400> 722
cccccatctg accagaaaca tgccaatcct gagaataacc tcccctccag ccagagatat 60
tccaactntg caataaaact ntccttcaca cagaaacatt cgcagcctgc ggtaggctcc 120
cccttcctaa acccttaaat gcccttagtc tgtaagagaa tgtccctgac cgaaatcggc 180
cagaagcccc tctnagggtt attcccaaaa taaacctgtc tctgttg 227

<210> 723
<211> 216
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA296821

<400> 723
cttcaatcag aatcactgtg cattactgag actctgttta tcaactagcct tctgtccctc 60
ccgcagaaga ctgttggatt gaacaaaata atatgtattt tgatttactt aaagtgcttg 120
taaatttctt agggacctgc cacttttgac tgtggatcag ttgatgtaca cttgtattat 180
taaagcactc aataaatcac tgtggctgat aactgc 216

<210> 724
<211> 280
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA296994

<220>
<221> unsure
<222> (1)..(280)
<223> n = a or c or g or t

<400> 724
tatgatctgt accacacctt ccggccagct gtectcctgc tgatgttctt cagtgtctac 60
aaggcctttg ttatggagac cttcgtccac ctctgctcgc tgggcagttg ggcagctcta 120
ctggcccag cagtggtaac ggggctgctg gccctcagca ctttggccct gtatgtcgcc 180
gttgtaaatg tgcactocta ggcttgggtg ctcagacatt gatgtacctt ttcctgcct 240
cactccaggt tttagtgaag taaacagtat ttggnaaagt 280

<210> 725
<211> 239
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA297532

<220>
 <221> unsure
 <222> (1)..(239)
 <223> n = a or c or g or t

<400> 725
 ctaaagtctt taattttttg tcacaaatat ttctgcatct ctcaagtccct tcttggttga 60
 aaaaggaggg ctagtgatac atttgttaat ggcactttta aaangtgctt tggatatatag 120
 aggnaacaat gtacttcnna ggnatgttaa taataaatta aggttataat ggttgccata 180
 tcngagngaa tgnataagat tagtctcagc aaaaacaaaa attagtttgg aagtagata 239

<210> 726
 <211> 313
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA298180

<220>
 <221> unsure
 <222> (1)..(313)
 <223> n = a or c or g or t

<400> 726
 ctccagtggc ttttagcagtg actgtttgac ataaaacatg taaganttgc ttgttgggaa 60
 gagtgcctta gggaccact gttttcattt ctnccttgag ttaccttgt ttcagatgca 120
 gccatgggta ggtcagagat ggattgttgg tgcaataaac ccaagaatca atgtagcctc 180
 ttaatcccat caagatgtag tttgtagcag caaagtgtac agtctgaaac cgtatgtttt 240
 atccttatat ttttagagctt tcagcagcct ttttaagaga gggccacttt cccaaagtta 300
 tttcctataa agc 313

<210> 727
 <211> 313
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA298786

<220>
 <221> unsure
 <222> (1)..(313)
 <223> n = a or c or g or t

<400> 727
 cgttaccatc gtccgtgctc accgcccggc gtccagattt ggcaattntt cgetgaagtc 60
 atcatgagct ttttccaact cctgatgaaa aggaaggaaac tcattccctt ggtggtgttc 120
 atgactgtgg cggcgggtgg agcctcatct ttcgctgtgt attctctttg gaaaaccgat 180
 gtgatccttg atcgaaaaaa aaatccagaa ccttgggaaa ctgtggaccc tactgtacct 240
 caaaagctta taacaatcaa ccaacaatgg aaaccattg aagagttgca aaatgtccaa 300
 agggtgacca aat 313

<210> 728
 <211> 288
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA299632

<220>
 <221> unsure
 <222> (1)..(288)
 <223> n = a or c or g or t

<400> 728
 agtcatcaga ggatccaggc cagattacag cccacctccc tggnggatag tcggaagatg 60
 ctacccttac ccatgtcaca gtggttgggg aaaattcccc caacgtgagc gcctatgaac 120
 ccatgagcca ggggtacagag gagggagaag tgggaatcta accttccttc tctctntnct 180
 acagaataga ctgtntgact tccaagtcac taaattcatt gatatgcctg tcccaggcag 240
 ttccccaggt gaatttgnca aaattctggn tgtatnccca caaataaa 288

<210> 729
 <211> 487
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA306121

<400> 729
 tcaggcttca tacgctattg tcctgcccgt tagagcagcc agcgggtaca gaatggattt 60
 tggaagaggg agtcaccact ggacctccaa ggaagccacg tgcagacatc tacaaccttc 120
 gatctcctga cgagtttatt gttggccaaa accaggcttt gattgaacca ggatgaatgc 180
 ggggtgttga agtagaatat atatatacat ataaaattgg ttgggagcca cgtgtaccag 240
 tgtgtgttga tcttggcttg attcagtctg ccttgtaaca gaaactggcg atggaatatg 300
 agaggagccc tctggaaaga aaaggacaga ccctgtgctt tcatgaaagt gaagatcttg 360
 ctgaaccagt tccacaagggt tactgtatac atagcctgag tttaaaaggc tgtgcccact 420
 tcaagaatgt cattgtttaga ctttgaaatt tctaactgcc tacctgcata aagaaaataa 480
 atctttt 487

<210> 730
 <211> 380
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA307748

<220>
 <221> unsure
 <222> (1)..(380)
 <223> n = a or c or g or t

<400> 730
 cgggcttcca cttcaccatc ggatgtttgc nactcanact gagggggagc tcagagtgc 60
 ccaaattctc aaagaaaagt ttccacgagc tacagctata aaagtnactg acatttcngg 120
 aggttgttgg gcgatgtatg aaattaaaaat tgaatcagaa gaatttaagg agaagagaac 180
 tgtccagcag caccagatgg ttaatcaggc actaaaagaa gaaatcaaag agatgcatgg 240
 tttgcggata tttacctctg tccccaaacg ctgaccacgc cctggctgca tagatgctgc 300
 tgctttaaga ccttgggatg gaactttcac tggacattca tttcttnccc taaggcagtc 360
 acccaaaaaa ttttgttata 380

<210> 731
 <211> 324
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA312946

<220>
 <221> unsure
 <222> (1)..(324)
 <223> n = a or c or g or t

<400> 731
 gaagttaaag gncactttat tnactgacag attgaaaact gtaactccag gnagtgcaaa 60
 atgcaccaca acccaattac aaagaacagg tgtaacaca caatgtttta acaatgctac 120
 actcattttt ggcaaagtgc tgtattgttc agtctgtgta caaaactgac catctatgan 180
 ccaatcagta taaaaaattt ctataaaanc aaaatttagn cagtggctca agaaaacaag 240
 ctgccattta tgcatagnnt gatgtacagn aacctaacca aatgtccctt ttgaattttc 300
 aagttactga aaaaaaatgt gtcg 324

<210> 732
 <211> 473
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA313213

<220>
 <221> unsure
 <222> (1)..(473)
 <223> n = a or c or g or t

<400> 732
 gaacagctca agtccaaaaa gatgcacgga ttggagaagc agaggccaag agagatgctg 60
 ggatccggga agctaaagcc aagcaggaaa aggtgtctgc tcagtacctg agtgagatcg 120
 agatggccaa ggcacagaga gattacgaac tgaagaaggc cgcctatgac atcgagggtca 180
 acacccgccc agcacaggct gacctggcct atcagcttca ggtggccaag actaagcagc 240
 agattgagga gcagcgggtg caggtgcagg tgggtggagcg ggcccagcag gtggcagtcg 300
 aggagcagga gatcgcccgg cgggagaagg agctggaggc ccgggtgccc aagccagctc 360
 ccgcccggga agcggangct tacaagctng agcgcctagc cgaggcagag aagtcaccaac 420
 taattatgca ggcggaggca gaagccgcgt cntgtcggat gcgtggggaa gct 473

<210> 733
 <211> 493
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA314457

<400> 733
 tgcgctcatt ggcagactta tgtttcaggc atgttgagat ttggaaaagt ggatgtaact 60
 gaaattcaga tagcttttagt gattgtcttt gtgtgtctgc cathttggagg agcaacaatg 120
 tgggactata cgattcctat tctagaaata aaattgaaga tccttccagt tcttggattt 180
 ctagggtggag taatatattt ctgttcaa attttccatg ttatcctcca tgggtggtgtt 240
 ggcaagaatg gatccactat agcaggcacc agtgtcttgt cacctggact ccacatagga 300
 ctaattatta tactggcaat aatgatctat aaaaagtcag caactgatgt gtttgaaaag 360
 catccttgtc tttatatcct aatgtttgga tgtgtctttg ctaaaagtct acaaaaaatta 420
 gtggtagctc acatgaccaa aagtgaacta tatcttcaag aactgtctt tttggggcca 480
 ggcttttgtt ttt 493

<210> 734
 <211> 573
 <212> DNA
 <213> Homo sapiens

<220>
<223> Genbank Accession No. AA316272

<220>
<221> unsure
<222> (1) .. (573)
<223> n = a or c or g or t

<400> 734
tgtagcacca gttgataatt ggtctctagt agcttactgt caaaatgttc aatgaagtct 60
tctgttcatc tgttgaaact aggaaaatc ccaaacttaa atggaagaat tctgaaagag 120
aggatagaat ttaaagaaca agagtatata aagttattct ttgaatattt cgttgantat 180
atgtacattg agttatctat atttgtaaac aaattagtca tggaaaatta ttctattcca 240
aagtctcctt ttagtctaga taatcattat ttcattttaa aattagtgtt tttcatagtt 300
tgcactgatg cgtgtatgga tgtgtgtgag tcagtggtag cttattttaa aagcacctta 360
tcctttctcc cataaccttt gtacactaaa aaatgaaaga nttagaatg tatttgatga 420
tagcattctc actaagacac atgagaattt aactttataa ccgcgtgagt taagatttaa 480
ttcataggtt ttgatgtcat tgttgaaagta tttgtaattc agaaaccttg cttgtgtgat 540
acataggtta gtctcttcat ttattactgc ttg 573

<210> 735
<211> 284
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA320369

<220>
<221> unsure
<222> (1) .. (284)
<223> n = a or c or g or t

<400> 735
ccgcctcca ccactttcca ccacagctg ccaaactggt ccctctgtnt ccctggggcc 60
ttgggttctg tttgggggtc atgaccttc tagtttctg acgcagggaa tacaggggag 120
agggttgctc ttccccccag caaatgcaat aatgcctca ccctctctga gaggagcccc 180
ctccctgtgg agcctgtnan ctccgcatct nacacggagt ctgctgtgaa ccccgcaaac 240
tcctcccaa cttccatctt ttctttccag ggcccatccc tggg 284

<210> 736
<211> 323
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA321833

<220>
<221> unsure
<222> (1) .. (323)
<223> n = a or c or g or t

<400> 736
ctgggtgcaa gaggtttatt tgggagccat cccaggaagc ccaaggcggg ggagtgggga 60
agagagggaa gggagagccc ccgcagaagt acatgaatga gtgggttact gctgcgggca 120
actgggactc catcctgctg ggcacacctc gagagtttat gtagaatata cttcagaatt 180
gtcctgctca aggacaatga agctgaggtc ctgctcctta ttgactcagg gttgctgctc 240
ctggggacat taacccccca acacttctag cttncaccag gcactgactn agcacacagc 300
tatggccacc agggaacctt ttt 323

<210> 737
<211> 263
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA328684

<400> 737
aggatgtcta agctaattccc gtcacagaaa ggaaacgcac aggcgcctag gcagaaactt 60
ggagactcac cgcagaggcc acgtgaaccc acggccacag agaggcagga cggcagagcc 120
atgatttccc accgagcgat tacgagaacc tcttccccca atagtagaca catctccaat 180
acaaacacag gtttataata agtaatagga agtcaatata atatagatta tccccagaaa 240
aaaatcaaca atcttcaaac act 263

<210> 738
<211> 160
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA328993

<220>
<221> unsure
<222> (1)..(160)
<223> n = a or c or g or t

<400> 738
gcttttagagc agttatggga gttatagatt ataacatatt agtgatttgt gaaacttttt 60
tactaaaaatg tgaccctcat ttttctttac atgaaagaac atagaatatt tcacaatgca 120
tcccacgtgg taagaataaa aaattgtttt agttatatgt 160

<210> 739
<211> 245
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA331393

<220>
<221> unsure
<222> (1)..(245)
<223> n = a or c or g or t

<400> 739
agaaaagggtg gaaatggcct tttattttaa tatgaggaaa aaattagaat taagtacagn 60
aagattattt ttaaaaaagc agacaagtta gaacaaacat tttattatta aaataaactt 120
ttgtataaaa gcattacaga tcaaaagctg tattttacact tatcgnttca aggtccaatt 180
atgcatcaaa cattgaatgg cacagcaatg gtttacatat gcaagtaa atggacataca 240
aacac 245

<210> 740
<211> 233
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA335091

<220>
 <221> unsure
 <222> (1)..(233)
 <223> n = a or c or g or t

<400> 740
 gagtgtgggg tcagtttatt gggcatgcgt cagtcagagg ctgggctggc caggggtcggg 60
 tagggcagca gtttgtctgg accccgagaa acccaactgg aatccagggc ctcatctgnt 120
 tcaaagccaa agtcttcctc aaccttaatc tgcaccgggg ccagctctgg agtcagcgca 180
 tttcctgctc ggcgtccatc ccgtggnact cgccgcctct tccgccact tgg 233

<210> 741
 <211> 299
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA335191

<220>
 <221> unsure
 <222> (1)..(299)
 <223> n = a or c or g or t

<400> 741
 gcaggccaaa accntagttt atttcagcat cagcagtatc ttagccatca aaaaaataaa 60
 cnttaccag ggtgacggaa gtntctacag caaggntaag ggctcgccag acggcgaca 120
 tcaggggtgc atgggtggca ctgccaggc aataagtnag gaagcagcag ggctggntc 180
 ggggtgtgggc cgggcttnat ttctgggcag gcatgaggtc gtcgatggcc tggccctgct 240
 ccagccgctg ctccatctcg atgagcagct tctctcgtc caccaccatc ttgcaccag 299

<210> 742
 <211> 219
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA338512

<220>
 <221> unsure
 <222> (1)..(219)
 <223> n = a or c or g or t

<400> 742
 cccnngtaga gataggggtc ttgctatgtt gcccaggctg atttcaaact cctgggtctca 60
 agcgatcttc gtgcctcgcc cttccaaagt actggcatta ccggcataag tnactgngcc 120
 tgccccatcc cctgaaactt ctaacgctag agacttctaa ggtgagcagg tggccctggt 180
 gacaggaatg caataataaa atagaaaaga cggcaaaact 219

<210> 743
 <211> 218
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA338729

<220>
 <221> unsure
 <222> (1)..(218)

<223> n = a or c or g or t

<400> 743

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gccaggggaag ancagcttta atgccagtaa tgtcagccag gagatgggag accagtctca 60
aatccatctc tccaattgac taaagttagg ggtttatata gtagggaagg aacgtaaaac 120
aaganttagg gaggagtaag gaagaggagt tggccaacgg gcagcagggtg gttggatgag 180
gggtctgggtg tctcaccgta accatatgca ggaaaaaca 218
```

<210> 744

<211> 207

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA338760

<220>

<221> unsure

<222> (1)..(207)

<223> n = a or c or g or t

<400> 744

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gtggaagaat acagaaatat gtttaatact tagtatcaaa ctaaaaagta atataaaatt 60
acaaaacttc ttttttttca tgcacaggct ttttctggtg aggaccgctg ggattgaaca 120
gaagcttccg gtaaataagg gccccgtcgg caagacagca tactgctgtc acaagtgcaa 180
acaccctcc accaactgtc aatgttg 207
```

<210> 745

<211> 251

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA338889

<220>

<221> unsure

<222> (1)..(251)

<223> n = a or c or g or t

<400> 745

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cctcatgcag ccccaaaggg cannaaagag actttaatta ggggagggag gntccaccag 60
antcagaaaa gggacagcta gcgtgggagc agaggagcca gaacaggcag gaggagggcc 120
cggccaggaa gctctggagg actcacctcg ccacctctgg cacaggcact ggcaactnacg 180
gacaaggcga aacagcggcc cctctcaact nggagggcac ccaatggccc ctgtagccag 240
aggttgcccc g 251
```

<210> 746

<211> 310

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA342301

<220>

<221> unsure

<222> (1)..(310)

<223> n = a or c or g or t

<400> 746

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aaagagatgg ggtttcacca tgttgtccag gctgggtcttg aactcctggg ttcaagcagt 60
ctatctgcct tagccaccca aagtgtctggg attacaggtg tgagacacca tacctagcca 120
agttaatttt tttaatggtg aaatcttttc tttgcacata aaatgagcca gtgcatgttg 180
cttctctgag tacaagacaa aatttatggc aatgggcaat tagacttata cttttctgca 240
agaaaattaa cgggaaaatt ctctctttag ttttctgttg ttttnccatt gatctgatac 300
tgtactcgtg                                     310

```

<210> 747

<211> 359

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA342337

<220>

<221> unsure

<222> (1)..(359)

<223> n = a or c or g or t

<400> 747

```

agagataacc agtttatttt ggggagcaaa gagaaagggg ccctaacccc agactgcctg 60
cgaagaggtg aatgggaatt gaatgggatt atggtcagcc aaggcttctt agtggagctg 120
ctacctganc tgagtttttaa gaggggtagg aaagaaaaaa tgtagtgggt cataatggca 180
ttccagatac aggggacaca aacagctctg tgtttatgaa ctacaaccag ttgttgactt 240
ttgtttcaag tggctcccct tccccagtgc tgtgtggacg atggactgaa gaggagaagg 300
ctgggagcaa gggaccagta agctgttgca gcagtgcagg tgagatatga ggcctcaac 359

```

<210> 748

<211> 322

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA342446

<400> 748

```

aatgtcctag cttggtttgg tcttgaaaag attcataatc actccaaatg aaatgctcct 60
cccttgggcca ccaatgtgaa gggagggtag aaacctgagg ctagacttct gacacaagaa 120
gaatctgtcg agagcacagt ctcccagtca ataagaagga aggagagagg gggatgagct 180
cgcacccttg agaagaacct tcatgagcca attcccaaag catcaactcc gcatggatac 240
tttgacacac catcagccgt gtctaattgga cacacacacg tgcatacaca cgtgagcaca 300
cgccggggacc acagaccctt at                                     322

```

<210> 749

<211> 377

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA342771

<220>

<221> unsure

<222> (1)..(377)

<223> n = a or c or g or t

<400> 749

```

attgaggtag aacttttatgc caagtaccga gtaaagcact ggggacatta agatgaacta 60
ggcagtctct gccctcaaag accatcaata gacatttttag tatatgcagg gagttctggg 120
cacacagagg acaaatggct ggaaataaaa gttaccacaaa tttggcagaa attcttccag 180

```



```

atatcttttt atgcatacaa gtatgtncaa gcacacgcc aacacagata cacacataac 240
agatgcatgc atgtntgagt gtgtgtgcat agatgattag acagatagat agcatcatac 300
catctttgat gatcagaaat ggtttttttc tgcacaatat aacatgggca ttgctccaca 360
aaaaccaata aatgtag                                     377

```

```

<210> 750
<211> 354
<212> DNA
<213> Homo sapiens

```

```

<220>
<223> Genbank Accession No. AA342918

```

```

<400> 750
accataattg actttttatt taaaaaatta cacggagcaa tttccagctt atcttttttt 60
ataaaagtac tgcctatatc aaacatttta tatcacgta attccattga agagctgcct 120
ttttctgtta aggtactgat tccaattgat gggatacatg cccttaatac agaaagtttc 180
cattatttat tcaaatatca aaattaagat tattgagaag tttattgctt tatggctggg 240
caagatgcta ctacacatt ttaggtaaat aatattcttt attaaaaact atgaggggtca 300
ttctgtttta aacttttcaa gataattcac ggggaaacag gtatatctat tcaa      354

```

```

<210> 751
<211> 357
<212> DNA
<213> Homo sapiens

```

```

<220>
<223> Genbank Accession No. AA343142

```

```

<400> 751
gaggtggagt ctcacgctgt tgcccaggct ggagtgcagt gttgagatct tggctcaatg 60
caatctccac ctcacaggta gctgggacta caggcacctg ccaccacgcc tggctaattt 120
ttgtattttt agtagagatg ggggtttcac atattggtca ggctgggtct gaactcctga 180
ccttgtagac gcccgctcgc gctcccaaaa gtgttgggat tatagtcgtg agccaccgtg 240
cccgtcctag agtcagattt taaatcttca aatattcaag accggtttat tagctatttg 300
agggttgtga acgctttctc ctcccttaca agtgcaaagc ctaactcatt gaatgtg   357

```

```

<210> 752
<211> 291
<212> DNA
<213> Homo sapiens

```

```

<220>
<223> Genbank Accession No. AA344866

```

```

<220>
<221> unsure
<222> (1)..(291)
<223> n = a or c or g or t

```

```

<400> 752
ggggtctgag acatttaata agtaggtacc actccacca ctgtcctctg gggcagccgg 60
cagaagatcc cctgccctgg gtggcagggc cctgatctga ggctgggttc acggaggaca 120
ggcagcgggc acccccactg gtggggctgt ctctcggggc actgacttct cagcactgga 180
gctgtgtncc ggctcacct cctcacttcg tccaggacgt ggaactggtc tncaagcctc 240
gcagaagccg tacttnggga agtagaagat cttngtcctc agtcagggtg g          291

```

```

<210> 753
<211> 189
<212> DNA
<213> Homo sapiens

```

<220>
<223> Genbank Accession No. AA347674

<220>
<221> unsure
<222> (1)..(189)
<223> n = a or c or g or t

<400> 753
gttcagggca gcctcactgg ttgacataat aacattttat naaagataat acgnttttaa 60
aaaatcaaatt ctgccaaacc cggaccaccc tgggaattgct agcacgccta cagggatttt 120
nggttacaga aaggcatgcc caagattcag gagagcagag acatctgagc ttgtaaatag 180
aataaaaagg 189

<210> 754
<211> 155
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA347717

<220>
<221> unsure
<222> (1)..(155)
<223> n = a or c or g or t

<400> 754
caaattattgc taattttattc cttttgttag attcactaat ttttaacatt aaaaatgact 60
tgtacacttt acaaattaaa acattagatc acaaattgaaa atatgctoca gacatctata 120
ggcatctgct tttctttata ctcnactana tacat 155

<210> 755
<211> 389
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA348284

<220>
<221> unsure
<222> (1)..(389)
<223> n = a or c or g or t

<400> 755
ctgtttgttt tttattgagg ctcatcgacc agggaaacat aaatgtacca ctcatctgct 60
tttaaagtag agaacaaggc ccacaaactc tatttaataa atacaaatta ctaaaaatgc 120
gcttagtggt gtattgtggc cagttaagaa caggagatgc tgggacagag cctacagaaa 180
gggcgggaga agaaaggaaa tcaaaatgaa gcagctgaca gggacgtcag ggagacacac 240
aggtgcagtg acagccacac tgcagcagaa gctcagcttg gaagacagag gctgcagaaa 300
gtcggtcctt ctaggatgcc accaggggaa aagtcttcaa aatgttggtg ttactntgac 360
cnagggcaga agtcttaggc atcttaatt 389

<210> 756
<211> 267
<212> DNA
<213> Homo sapiens

<220>

<223> Genbank Accession No. AA348466

<220>

<221> unsure

<222> (1)..(267)

<223> n = a or c or g or t

<400> 756

```
gcaaaatgca gtgtacctta aaagtgtctc acctagaagg cctctacctg taatcacatt 60
aatttttcta aagacaattt ggtgttttga agataaatgt cattagtcta tgataatagc 120
atcataggac aattagccat tttagacttg accatatttn ctcttttttag catatagcca 180
tcttgatatt taggtgggag actactccaa tggagcaaca gtttcatttt acatgattgg 240
atthagaaat ttacaaattt taaactc                                     267
```

<210> 757

<211> 171

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA348485

<220>

<221> unsure

<222> (1)..(171)

<223> n = a or c or g or t

<400> 757

```
aaaatttaag ccaactctta ttcaacttttn ctncctcaca gcagctgttt atagatagta 60
gggagccaag aatgaaggac agtaacagat ggaaagcaaa aagtacaaca gctatcttaa 120
gtncagctct caacattgct ggttgagttt ggaaccaaaa cctcttaaca a          171
```

<210> 758

<211> 342

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA348922

<400> 758

```
agcttttaaag aaatgcttgc ctgagagttt attttttggg gaaaaaggca agttaatccc 60
aacatgatct tttgatatga aaaccacatt aaaaatctgt tggcctttac acagagtgg 120
tggttcagtg aagataaagt agacagttat tcaggcgtca cagctgagca tggctgatcc 180
aggtaactct ttcttgaaat gcttgtcttc actatagaat ctaaggcaga tttttaaata 240
accctgaaa aaggatggag tcggggaatc aggcctggag aaccgagtcc aagagcattc 300
tgccatgaaa gagaatccac gcgttctgat gagcacccat tt          342
```

<210> 759

<211> 382

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA349792

<220>

<221> unsure

<222> (1)..(382)

<223> n = a or c or g or t

<400> 759
aactacaaaa ataagcactt tactaacaac aggattctca gggaatgggg gctttcagag 60
gtgtcactgg gctgcactgt tgaggctgtg tgcacagtg gagatgtgag accgaaagaa 120
attatccagg acttgcctgg ccacgcgggg ctttttccga ctgcacggag aggacacctg 180
ggaccttttg gaaccatac aggtcccttg ctgttgggcc tgatacacac ggaaaacctt 240
tttcatggcg gtggaaacag ctgcggtgtg aaattcctcc tgcgtcanca gcgagcacct 300
ggtggtacgg tggtcactng ggtctnccct tccaaggcca gcccatatac ttgatatgtc 360
aacttgatgt gagagaagggt gt 382

<210> 760
<211> 312
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA349836

<220>
<221> unsure
<222> (1)..(312)
<223> n = a or c or g or t

<400> 760
cccaattttg tgccaagatg agaatcacat ttattgaagt tacattacag aagatagtga 60
aggggaaaga ttgagaactt ccttagtaca cccttactcc aatatttncct attagcactg 120
cacatgtatt actgcctagt gtccattggc atagaagcct aaganctgct tatgtngcca 180
gtcttagaca aggataagca tttttaacaa atacaggtaa aatctcattt gtngctgcaa 240
tcttttcaca ataaagttaa gctgtgtcat taagaaccaa cagcgtggcc gggcgtgatg 300
gctcatgcct gt 312

<210> 761
<211> 230
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA363203

<220>
<221> unsure
<222> (1)..(230)
<223> n = a or c or g or t

<400> 761
agtactcaaa caactttatt tcactagcca tgagcaaaaa gttgaccggc tccaggggat 60
tttccatcct gccctctccc tgctggtggc tcccatgatt tggaaataac cncatgttcc 120
acttggcagt gcctggnttt gtgcaccac anggttttgg cctgggnccc agtgaaaatg 180
gtcctcacct ggctggggaa canggttntg agaggccct tgatctgccc 230

<210> 762
<211> 169
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA364267

<220>
<221> unsure
<222> (1)..(169)
<223> n = a or c or g or t

<400> 762
cccagctgcc ccagccctgg tctntggcgc atcttttccc tcttgtcccg aagatctgcg 60
cctctagtgc cttttaagggt gttcccatca tccctccctg atattgtatt gaaaatatta 120
tgcacactgt tcatgtcttct actaatcaat aaacgcttta tttaaagcc 169

<210> 763
<211> 399
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA365691

<220>
<221> unsure
<222> (1)..(399)
<223> n = a or c or g or t

<400> 763
ctggaaagca actgtgtatt tacacaacag tggacgcctt tnacattgca gaggggcggg 60
taagagcggg atggctagga agctacagca cctatttggg tatgaacaca gcattttcag 120
atggctgggg gaatagatgc cacttcccac tcaagacagg gatttgctca gcgggaaagc 180
aggtataaaa ggcagcacat cctgcacttt gaactgcac cgtctcatcc tgcagccacc 240
ctgtagctca aagcacagtt ctggagccta ttaggtccaa atntcaattc tacccttgag 300
tcagcgaggc cttaggcaag aggtccctcg aagtctgtct tcctgtggca gattagggnc 360
ggccacacca caaggcagtc gcttggggccc ggggcccgt 399

<210> 764
<211> 340
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA365708

<220>
<221> unsure
<222> (1)..(340)
<223> n = a or c or g or t

<400> 764
gttgtgtgat tcttttattt cttgacatgc acacatatat ggntcaaaaa gtatgtacaa 60
ctagaaaaac ggactccaag caaaaatgga aaacatgttt ccatgagctt agatttccgg 120
gtatattact cctaaacctt aggtagaagt aatgcattgt ncacttacat gtccactttt 180
ctaaccctag ctaagggctg gaaaaagaaa gtcagaacag tcccaagtaa atatgggaaa 240
ccatagcagt gataaaacct aagntttctc agaaatagtt ttaagtggga agcctctaatt 300
cctacctgga cagtgtcttc ctgtgggggt tctcagcatg 340

<210> 765
<211> 214
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA365742

<220>
<221> unsure
<222> (1)..(214)
<223> n = a or c or g or t

<400> 765
aagatatttg attatcttaa aaattgttaa ataccgtttt catgaaagtn ctcagtattg 60
taacagcaac ttgtcaaacc taagcatatt tgantatgat ctcccataat ttgaaattga 120
aatcgtattg tgtggctctg tatattctgt taaaaaatta aaggacagaa acctttcttt 180
gtgtatgcat gtttgaatta aaagaaagta atgg 214

<210> 766
<211> 228
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA370163

<220>
<221> unsure
<222> (1) .. (228)
<223> n = a or c or g or t

<400> 766
gaaaagaaat ctatttttaa tggctttggc tttatagcac gaagcaggca cccnctcggt 60
aaaggcacac agtcctctct tctgccccac ctcttggtc cttaaaatcg agtcttgagt 120
tcagagggg tcaactgcaag gcagcaggga agggagaggg tcacagtttc actctgtgag 180
tatcagacac ccagggccaa ggcccagact ggctctgaa gctaaagg 228

<210> 767
<211> 244
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA370359

<220>
<221> unsure
<222> (1) .. (244)
<223> n = a or c or g or t

<400> 767
ggttccttta agcttattta atatttgaaa tcttatttnc tatttnccca gaccccagaa 60
aacagaaagt ttttagatga ccaatatttt gttccagaaa catacagcct tatcagctaa 120
ttgcataaaa gagcctattt tacaaaggta catctggata attaggaaca ataaagtnct 180
tttagggcat ttgcaaaatg tggatcagta aaaatacatg gattattcaa taaagttttt 240
ttaa 244

<210> 768
<211> 377
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA372018

<220>
<221> unsure
<222> (1) .. (377)
<223> n = a or c or g or t

<400> 768
gagattaaac aggcaagttt tattatcaaa tgtaactct acaaaaactc agtagtattg 60

```

tagtaagcat tactgcctat cttaaagtct ttcagagctt tgggcagctt tgggcatctt 120
aaggcatcaa gtatacagaa atttcttttc gatcttaagt gccagttatc accaattttc 180
acacaaacct tttttttttt cttoctattg cagttaaagg gccattgccca gtcagctgaa 240
gaaggaaatg tttgcttctc cctttaagggt gttaaagtaa tgcacagaaa ataaaaatag 300
cagcctcata aatctgcacg gcattgcatt caagcaaagg gncaatatga gtaacttagg 360
ggaaatatcc acattca 377

```

<210> 769

<211> 281

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA372630

<220>

<221> unsure

<222> (1)..(281)

<223> n = a or c or g or t

<400> 769

```

ggcacatttt tgcctttgtt taagcctgga acttgtaaga aaatgaaaat ttaatttttt 60
tttctaggac gagctataga aaagctattg agagtatcta gttaatcagt gcagtagttg 120
gaaaccttgc tgggtgatgt natgtgcttc tgtgcttttn aatgacttta tcatctagtc 180
tttgtctatt ttncctttga tgttcaagtc ctagtctata ggattggcag tttaaatgct 240
ttgactcccc cttttaaaat aaatgattaa aatgtgcttt g 281

```

<210> 770

<211> 306

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA376875

<220>

<221> unsure

<222> (1)..(306)

<223> n = a or c or g or t

<400> 770

```

ggcccacaag ggtgcccacc tcttgttttc cccttttaaa aactcagatt tttaaaagcc 60
ctttccaaag gtttcaactg taaaataactt ctttttaciaa tgtatcaaca tattttttatt 120
taaggggaat taacaattgc cagggaaacc agccaacca agttttattat atcattaacc 180
ttatcataaa ttcaaacctt agttgctgga ccctgggtgtg aggncataaa tcttccaaag 240
ttttgcctat cctaagagct gcatttttct actgctcttt accttgcatt ttagctaatt 300
taggag 306

```

<210> 771

<211> 249

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA377087

<220>

<221> unsure

<222> (1)..(249)

<223> n = a or c or g or t

<400> 771
acggcacaac ttgctatttt tattagaggt attgatgatg aatataatgt cactgaagaa 60
atcgaaatgt caccatgcta ttaaaagaca caactaaatc aagngattta tatgaagcag 120
tgaaaaatat gttaaagcaa ttttcttttg cctttgtaaa catatgtgnt ataggctaca 180
gatgctnccc tgggcgatgg taggtaaaaa gagaggggct tntacaattt aataggatga 240
tgcaggttt 249

<210> 772
<211> 156
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA381125

<400> 772
ctgatgtggg ggtaactttt tgagggataa tgaaattatg ttcagcctca aaaccctgaa 60
aattaattat aatgctgctc agtcttgctt atgcatttgt ttgctctaac atgctctttc 120
cattaaaaat tgttaacttc ctccattgct gttaaa 156

<210> 773
<211> 161
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA382975

<220>
<221> unsure
<222> (1)..(161)
<223> n = a or c or g or t

<400> 773
aaaagtggaa caaatttatt taatgtaagt tttatgtgac acaggagcct tcaactcaaaa 60
accgagttaa aactactttt gtgggttaggt ttaatgaaat gnatggggca gttgtataga 120
agtatgattg tancaaaaaa gggcatgatg gtctctaatg g 161

<210> 774
<211> 282
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA384184

<220>
<221> unsure
<222> (1)..(282)
<223> n = a or c or g or t

<400> 774
cttcattggc ccagcttggc gaaagcnagg cacactgctt actgccttgg ggttgtggag 60
atggaccctg gacctcgtgg aggccgtgtg ggggcagcag cctggcctgt gccatgggtg 120
gtgtcctggg gcctgtgcgg agggagccac ctcaccctgc agcccagttt gcaggtgtgg 180
ccttgtttct ccttgcccag cagtgtgcc ttcagcggcc gtgacggggc cagctggaca 240
cacggtgaga ttttntcgta tgtaaataaa aggnattttg gt 282

<210> 775
<211> 472
<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA393139

<400> 775

```
gacgcgcggg gccacactgc cgcgccctag actggcgctg ggactgtggg acaagttggc 60
tggtgccggg cttgggggact gcaaccgggc ttctgtgctt caccatctac ataatgaatc 120
ccagtatgaa gcagaaacaa gaagaaatca aagagaatat aaagaatagt tctgtcccaa 180
gaagaactct gaagatgatt cagccttctg catctggatc tcttgttggg agagaaaatg 240
agctgtccgc aggcttgtcc aaaaggaaac atcggaatga ccacttaaca tctacaactt 300
ccagccctgg ggttattgtc ccagaatcta gtgaaaataa aaatcttggg ggagtcaccc 360
aggagtcatt tgatcttatg attaaagaaa atccatcctc tcagtattgg aaggaagtgg 420
cagaaaaacg gagaaaggcg ctgtatgaag cacttaagga aaatgagaaa ct 472
```

<210> 776

<211> 385

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA393825

<400> 776

```
ttttttaaag ttaaactttt aaagttaaaa gtgaaattta ttacaataca ataaatgcaa 60
gtgtcattat taaaaatgcc gggttaaaatt ataaagtatc taaataattt ttctaataata 120
aatattggaa atgacaactt taacaattct atatgtacac aggacactga aaacataaaa 180
tcatgaacaa ggccaaaaaa taacgttgca cattaaccct ttagttatta ctttctattt 240
tccagtccca gcatcatacc tgctaattac tcagatcaca agcctcaagg attaagtgtt 300
ttgaatgtat ttcagtttca tactttaaca atgcttaaag actattgggt gtattctgat 360
caaatgggtc tccttcccat atttc 385
```

<210> 777

<211> 427

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA393961

<400> 777

```
gactggttaa aaacttgtgt atcccgggaa ggacctgcgg tacaggagtc agccatgtct 60
gtgctgtgtg gaacacctga tgacatgggt aacgaggaag acgatgtgtt gaccggctgc 120
cgtttgagga ctttgggtcac ccagactaga caccttctgt gctcatgttt ggaaagctga 180
aagggaagga cagctgtgcc tcctgggagc tcatgtgtcc ctggcgctgt gctagctttc 240
ctttacagct gtttacagac aaggcaggcc tgaggcagat ggccactgct cttgtgatgt 300
ttgctcagag gaatatgaac attttatatt tgaaaaggga tgatgtgggt ttttgccagg 360
tgtttataat taatccttta atattatggg tattaacctc ttaaacaatga atgaattctt 420
gattgtt 427
```

<210> 778

<211> 313

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA394121

<400> 778

```
tacaaagatt tattacagca cgggaggggt tcaggcctgg agtcaggga gaaggggaaa 60
ggggcagagc agctggggga caaggaaaac ctggcgcccc ccgctgtgtg cccaccggg 120
```

```

gacataaact aggcggcatt cctggcatca aagcacaaaa cgcaacaaag aggtctctgc 180
cagtccatct tccaggcacc caggaggagc aagggtgatt aagggaagat tcccaaatg 240
ttgaggctat ggagaaaaac gccttagtcc tggaccctgg tagaagccgg tgagagaagt 300
ggtgacttgg aat 313

```

<210> 779

<211> 114

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA394258

<400> 779

```

ttcttttttt taagcttcca cctcagtgtt ttactgagac cagcattggg gcatatgagg 60
cacaaggaat ccagctctgt tccctagaag ccatccacaa ggttttcctt gtag 114

```

<210> 780

<211> 437

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA397841

<400> 780

```

atttcaccta ctatttctga atatatatttg caaattgaat tggaatagga attgatatag 60
cagtcttaaa cattagtagt gggatttggc tatggtccag actgtgctcc ttatagagaa 120
tttgatctgc tcagtgtgag cggtttgctg ttagccaggg ctattttatgg caaacacatg 180
cttttgtatc ttgtcatagt tatccacaaa tggcaaaact ggacttgatt ctactggtat 240
gcaaaacagg catgctagta agcagtcagt cgtggctcag aacttaaccc catagctcag 300
aggaatgctt ttagcagaaa acaggaaaga aaatatccct taaaaatttt ttttgaatgt 360
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<210> 781

<211> 401

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA397904

<400> 781

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aactagataa tgtgtttgct tatctcatgg atttctctta accatccctt gagatccccc 180
tatagttcct atccctttac ccccatttta cagaagagga aaactgaggc tcagagaagg 240
ggagtcactt ggccacagtc gcacagttgg aaagtggtag agccaggatg agacgctaata 300
cttgactcca aagctagtta tatataataa tagcacccaa gtaatgtata gattaccatg 360
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<210> 782

<211> 453

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA397906

<400> 782

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tctattgaaa gttattcaaa aggcatacaag tcaaaaataac gaaactgccc cagtaaaaaag 180
gggctggggc tgggggcagg aaaggcaagc atgagggccc agtagagggtg gacctgtccc 240
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tgtgttcttc ctgaggggtg ggggcaccta gtcactgcct agaggacatg gtccccacc 360
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<210> 783

<211> 327

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA397914

<400> 783

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agtaaggata ttgtatcatt tcttgcttgc agtacttgta aatccactta cactgcctgc 180
tggtgagtca tttgtttcgt cttgagtagc atgtcatcct tgttcctaga agatagttag 240
tttagagaca gttagcaagc aacagcagag cagcctcaac caaaacgatt ttccattttg 300
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```

<210> 784

<211> 388

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA397916

<400> 784

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tataattttgg gaggacaaat catctcaaatt gtatattttt gaattatgtg ccaattttat 180
aattagtaca aaaatgacag ctgaaatatt ttaaaaatgt aaaaaccagt ccaggcaaca 240
taactatacc atcttgctgt aaaagtactt atatcgaatt ccgcacaaaa tatttttgca 300
atatgctaaa tttagttcct caagtcactc ttcactgccg gctggctttt ccatttttctg 360
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<210> 785

<211> 440

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA397919

<400> 785

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cttttgaaag ttttatccac aaagaaagaa aaataagggt ttcttcacag ttgaaaatag 180
tttttgaaaa aagggttaaga ggaaaaaaat ctaaatacca tccttgataa agaaatggaa 240
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gtacatgcat aggcatttta tcaaggtaag aggaacagca gtggaaactta aatatgatac 360
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catagcaatc attctaatacg 440

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<210> 786

<211> 388
 <212> DNA
 <213> Homo sapiens

<220>
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 aggtcaactc tcagtacaaa ctagcaacta aagcacaata atttactgtt agaaacgatt 180
 tctttctttt tagctgtgac actgctttta caatatgcaa aaacacaagc agaactaccc 240
 aaggtgtgtt gtcacattct ttctacattg aatttggcaa cattttattt attcagatta 300
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 atttcaaagg tttagaatac cactttta 388

<210> 787
 <211> 519
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA398124

<400> 787
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 tttcacatga taatgttttc gcccttattt atgggtctttt attatttttc ttgagtcctt 180
 ttctttcaat agtttaataa gtcacttctg gcttgtctag agagcaatcc tagcacaata 240
 atgtttcaac ttgcaaggaa gaacgccctt attgagttga tagaactcca ccagctgtat 300
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 tactgggtata atttgaaagt gctttatttt ttgtccatga ctcatgaca gtacgaaagt 420
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<210> 788
 <211> 364
 <212> DNA
 <213> Homo sapiens

<220>
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 ttaagggcac actgccaatg aaaatgcaga gtgcatatac catgtcctta acttgtttca 180
 aaactaccta ttctggcagt atccaattca ggtttcagtg ctcccttggt tgaaagtggg 240
 cttcacaata gccacattt taaagctatt tggaggagca caaagagtta aagtggtaat 300
 agcctttcag aatttgaaaa ggtagtactt gtctatatca gggttcattt ttatgtggca 360
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<210> 789
 <211> 451
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA398205

<400> 789

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gattcctccc atctccaagg cttaaagggc agctatccag ctgtagtcta ttttcctaaa 180
ttttctcagt tctttttctt cagattttga caactgatgt ataatgtctt ctcctaaacc 240
tgtgttactt gtatcctgga ctttttcggt aaaatcattt tcttcactctg aatcttcact 300
ttctttttct tcttccatat ctacatcttc aggaatttcc ttagcactct tagtctcttt 360
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<210> 790

<211> 455

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA398221

<400> 790

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caaacaccaa ctctgtccgg cgaaaccagg gcgcacgtct tctactgcagc gggggccacag 180
ggcgcccagc cagtgggaagt gcacattctg ccacttgccg tcgcgggcggg gccatacgcg 240
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gatgtaagcg atgcaggcgg catcctctcc aatgacgtgc acgtgtgggt tcaggatggg 360
cgtgtggatt ggcttgctgt tcttgccagc caggttctcg aagtagaatc tgtggaagtc 420
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<210> 791

<211> 498

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA398257

<400> 791

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cacagaaaag gaggtgccct cccgaggctg ggactgagac ctctctcctg gagaagggtg 180
gggaggcccc tgaggggtgaa gttccccggg ttgctcgagc cagagtctgc acagtccacag 240
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acctgcctac acctgaaagg ccacagccag tgctgggacc tctctgaggt ctgcagactc 360
caggcagaca ctctggcag ctgtgcagca ggagcaggaa ggaaacgaca tgaaagcccc 420
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<210> 792

<211> 425

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA398280

<400> 792

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tgcaaatctg gcctgtcacc tctgcagagt acaggttccc atactgtgag gcagcagcag 180
cagagggaac caccagagaa acagcatttc agaattgtct ttcttttggg gtatggatat 240
gtgtgtgttc tagtctttgg tgggcaatgg aatctgcagc tccatgacaa tcttggttaag 300
tagcttatgt gggagtggt tcaggtcaca agggccaccc attctaaggc ttctcactta 360

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attccccagg ctaagagaca ggtggggaaa ggaaaaacct agcaccttgc tatactgaat 420
tggaa 425

<210> 793

<211> 536

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA398386

<400> 793

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ttcaagctac ttgacttgtg aaaaacaaaa aaccaccatg acttctcaac aaatacattt 180
taaaatgaaa tatgctcagg ctgataaaca aacaagatat taaaatggag actgacattg 240
aactacatag tcaacttgaa aaacacaaga agacaatgct cctataaaat gatataattat 300
tggctttaca aagacatact ggtttatgtt tacaactatg ttttattttc aaatggtaaa 360
ggaaaggctt catgttgcta tttgaaagta cttctcaact agccgggcat ggtggcataa 420
ttcctgaagt aggaggatca tccccttgag gccaggaggt ccaggctgca gtgagctgtg 480
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<210> 794

<211> 254

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA398422

<400> 794

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cattcttgga cagagagtct gcaaagtgtt ttccttatac ctaatgtctg aacttctcac 180
tcattctagg gtttcatgct ttgttatctc ttacaaagga aaggaaactg gctagaagat 240
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<210> 795

<211> 283

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA398423

<400> 795

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cagcttgtgt tgacaagggg gaatgcttcc catttggtca aggttgaggg acagtaaagg 180
aatcttgtat tctaagtgtt acagcatcct ttcattgtcc aagccatcca ccttaggctt 240
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<211> 546

<212> DNA

<213> Homo sapiens

<220>

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<220>

<221> unsure
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 aagtgccatc agtccttggc cgnagcggag acaagggccca gccacctcac caaagacctc 420
 aacccagct ctctccaca cagacgaagg gggtcccagc agggatgtgg ggtccgagct 480
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<210> 797

<211> 506

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA398563

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 agatttttaa tcagatagat ataaaaagac tgaagaaaaa cagtaacttt tccttaagtt 240
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 taccaaggca ttttgaacac ataaacctta aatacctact ttaagcccaa acaaggtaaa 360
 aataatcggc atttcattgt gctccgaagt ttaattttac atatcatgtt aacaaattat 420
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<210> 798

<211> 524

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA398674

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 aaaatagagg tctgtaattc ctttttgaac atgccttcga agtggaggtc tttggccatg 180
 agctcttctt cgacatcatc tagtgccac tggatgacccg tcagctccaa agcttcccac 240
 tctgtcttga aagctttgtt tgtgtctgcg ggcattggca tggctgctcc cgtcatctgc 300
 tctgtcatca ttcgtgattg gtcagcggca ttatcttggc ccagaatcag agagtaaatg 360
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 aatgtgagta gctcgattcc ttgctgtaac ataggcttaa aacggagggt cagtggaaat 480
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<210> 799

<211> 376

<212> DNA

<213> Homo sapiens

<220>

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gaaggctggc tccaag 376
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<213> Homo sapiens
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<220>
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<210> 801
<211> 449
<212> DNA
<213> Homo sapiens
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<220>
<223> Genbank Accession No. AA398908
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<210> 802
<211> 303
<212> DNA
<213> Homo sapiens
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<220>
<223> Genbank Accession No. AA398926
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ggg 303
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<210> 803
<211> 301
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA399226

<400> 803
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ggaggacgga ccagctggca gccttcgaga ggtcacaggt cagtggccgg accccagtca 180
tagccgtctt catcggagga ctccgcatca tgtactcgca taaacttttt cttcagggtc 240
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a 301

<210> 804
<211> 370
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA399251

<400> 804
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ataaaggcag atgggcgggtc aaccgggtgga tgggcacagg gagaaccgga gaaacagatg 180
agtggaggaa cggacacacg ggcaccgggc ggctcccca tctggaatgc aggggtgtaag 240
gggtccgggc caggaggctc agcggtcggc actggagcgc aggtcggtag tgaggggatc 300
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gcgcacattg 370

<210> 805
<211> 482
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA399264

<400> 805
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tttcaacctt tctgcataaa actgtattat gagataggca aacaatctca caagatgggtc 180
tgagacataa aaacaaaaga caacctatcc agcatcaatg tcctattgac aaactcaatg 240
aagaattaaag aatcacactc cacaatgtgc tgctccacca agaaatagaa atgtaatgat 300
tttttgaaag gtaaatgctt cacaataaac agtcttcttg ggtagtacag tgtaattgtg 360
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tc 482

<210> 806
<211> 317
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA400030

<400> 806

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 taatgggtgct aatggcaatc tagctaattg gcaaatcttag gaagtcttca gtactaagta 180
 cataattttc aaataatatt ttttaattgt ctactttgga tgtagctat gtcttgtag 240
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<210> 807

<211> 401

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA400080

<400> 807

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 tgctaagcga cactagacta ataaccattt tctagaatta ggtgacctac ttctgaataa 180
 aattgaaact ggattgctga ttcccttact aataataata cttaatata tcttaaatca 240
 gttttcaaaa ttcaagatga aatctagaaa tatggaacaa ctgacaggaa taagcccgaa 300
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<210> 808

<211> 513

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA400177

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 aagtgcagct tctgggcccg gcgcgctgc ttcaggatct gctgcttggt cttgagttcc 420
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<210> 809

<211> 382

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA400184

<400> 809

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 acagttcaat atctcaaaact attcctgggt cagcagacta gtcctttcac tttcacacat 180
 caatatttga tacaaaaagt tattttggca aaatctgtaa tgccaagaaa aaggacaatt 240
 tgcaatttca gtcattaagt ccaaaatcct atagccagca gtcagatctc tctgttttag 300
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<210> 810

<211> 438
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA400246

<400> 810
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 actctggggg ggccagaacc aaggcagaat tcagtcactg atgcagttcc aggctccatg 180
 cagctgagga ggagaggagg cagatgtgga cagttctgtc tcttcgttta aaaaatatat 240
 tctgttagag agttattgct tgtcctcccg tgggcaggag ggcgcggtgg ctccagtgggc 300
 cagagccgca gcctccaggg cccgagcttt cttccgcctc ttcagcagca gaggggttga 360
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<210> 811
 <211> 400
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA400251

<400> 811
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 cagcttttaa atccactctt gtctgccact cttttatgaa atattgaaaa gcagctctgt 180
 acctcagcat taaagggttac aaaaagcacc attaaaaaga ggactcacat atttaatccc 240
 cttcaaagta gtcttatctc tcttttctga cagacacaga gctgcactca ttcgaaatgc 300
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 gagaccgctg tagtgattag gactaaccaa caacagtgtg 400

<210> 812
 <211> 411
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA400258

<400> 812
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 aggagaaacc acataggata aatgtttacg cttcacgtgg ccaccagat ccatttttgt 180
 ttttgagtct ggcttttctg tggctgaaga tataccgcag tcagcaggta atggctggat 240
 ttgggcgcct ccatttggtt cttctgcttc ctaaaaaat ttttcatatt tgtccaggta 300
 tgggtggtcgt tcaggttagta ggtaataatg tgttgaacta accttcttcc cattttcaat 360
 aatgggcaga atgaaggaac cttactggca gatccttcgc tggtctgtct t 411

<210> 813
 <211> 417
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA400259

<400> 813
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 atcgccatgg agggatcctc caagctccca ctttctgtga tttcagagtc cctcagactc 360
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<210> 814

<211> 417

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA400271

<400> 814

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 gcacatggta tctgagctgc ttacattaca agaaaaagga aatacagtag ctgaaatatg 180
 gcaactcctgg gaatcaactt ctaaaccaaa tagaatgcct ttgaaatgat taaatttatt 240
 tgtgtattag taagaaagcc ccaccacccat aaatagtaca atatttataa ataaaaaaaa 300
 atatatctat ctaagataga tagtgtattt gtactgttag acttctttaa gtgcagaagg 360
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<210> 815

<211> 340

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA400333

<400> 815

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 cttagtacata tatctttcat tagttctatg gatatgagca gatcccttta ctggagccca 180
 gtatgtgctg tgtgagttag aagtcattct tgctgagaag gtgaatagggt agggatttgc 240
 cttgttttgt aagctctaca tttgccaaaga gtaataaaca ctggaccagc tgtaaaagta 300
 aacagtgtgt ttatgcattg agataactaaa gcatttaaga 340

<210> 816

<211> 391

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA400471

<400> 816

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 gaagggtttg gaatgttctc tcctgttctg cagggtgtgct ccacatcccc agccactcag 180
 gtccccagaa tgcgacagga cctggagggc agcgagctcg tcatccttgg tgtttgaatg 240
 ccatctatct gtcccaacct ggtagggcac cttcctcctg ggaaaactgg aaaaccaaag 300
 aattgcttct gatcagatcc ctgggaagat gttcaccagg atgtaaaact tgtctaaaga 360
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<210> 817

<211> 439

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA400643

<400> 817

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cctgcactca gtcaccccgga gggctgagca gattcctgga tgtgatggac cagctcagct 180
gtccccagac cccatccctt ctcccttttc tttgtggcct taacccttct gcatcaggga 240
gccccctctg cctcttgagt accagaccto atgggaccag accccttggg accacatggc 300
acaatgggac ctctgttgta cattccgggt gggggatgag cgttgctatt taattactaa 360
tattattgaa tgccttagag gaggcggggc gagccctgat tctgaagacc tgtggcccag 420
cagagcctct gacagtaaa 439
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<210> 818

<211> 223

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA400780

<400> 818

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acagaaggcc aacattttaa ctgaatgata attaaacgtt tactaccata ggtaatatatt 180
acgcacttct gggccaata gaaggtgttg aatcaatgtg atc 223
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<210> 819

<211> 326

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA400831

<400> 819

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taagaaattt acaaatacaa acttaggctt cctcacattt cccacagagc aactaaacga 180
gaaaaagatt tcaagaaatg acagtatacc tcgaatgcaa aattccaaag tcaaatagct 240
acttacatta agagatttac caaaacagtt tgtaaattaa acattaacag caaaaggcac 300
aaaaagccta tttcttttat ggtgtc 326
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<210> 820

<211> 323

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA400834

<400> 820

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ggttgaatga ttttctatta attagtagta cacagctatt tttatcaatt tatgcttaaa 180
ctgccttatg atttcaatga aatttcttag cttttacttg ttgaataatt ttttcaattg 240
ggaatctttt cataattcaa aatagttcct gaaaattaat gcacccctca atgtcttcta 300
cttaagctgg gtgcatttaa aat 323
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<210> 821

<211> 332
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA400864

<400> 821
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 gcaaacagaa tgaataaaaa aaaaatattc tcccaacctt agtttccgtt cctcatttcc 180
 acttgctca gactctttct attgaacata tctagttaaa tctctaattg acggcctgtg 240
 ggaagattta ctgccaacag ggtatgactg acttctttcc ggacactgag caggggactg 300
 tgggctctga agcagtttac ttctgtgga ag 332

<210> 822
 <211> 421
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA400896

<400> 822
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 ttacattcag tctttcgtag agagctttca gcattattat tttttgaact attaaagtat 180
 tttccttcat ccctgtcaca gggagttaac actgatggac ttttagacaca ttttcctttt 240
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 tggtatacat gataaagtgt tcaaaaaatg tcttatttct agaaaagaag cttgtcatct 360
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 c 421

<210> 823
 <211> 461
 <212> DNA
 <213> Homo sapiens

<220>
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<400> 823
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 gacctttacc tcttatgaac gaaagaaata tagaggtttc aagcattttt gccagcacag 180
 agtcattcac aacaaccttc tagatgctta ttttccacct tttcctacag aaggtaatat 240
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 atcagaactc acaaattagc ataattagtc caaagcttga tttaaatggt tgaagaacag 360
 caaacatcaa ataataaat accaaataga atattatagt ctctatgagg taataactca 420
 tcagctacaa ccacctaaaa ctgaaatttt ctgtacttag t 461

<210> 824
 <211> 471
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA400934

<400> 824
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atcaaatgaa atagattgtg cacactcact ataagagagc tatgatatat gcagaagcaa 120
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cacaatggaa ttgaaggctg aggtgaagta caggcataag gcaaggaaa gagaacattc 240
aagatgtacc tatatacacc agttcttaaa acacgcaa attttccaat aaggcactgg 300
ctcatgtatt tctgttgagg cagaagtcaa tcttaggatg tggctctgtac atatctgcag 360
ataagattca caaaagctga attcagtggt attagtcctt cattcagatg cttcattttt 420
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<210> 825

<211> 355

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA400979

<400> 825

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ccagaagtaa ggtaacttta ctcagataaa acacagatgg tagcagatag aggccacaag 60
ctcatgggat gccattccag agggccctc acccacagag gagccctgt aggaaggagg 120
cccaggcccc atccgcacag caagtcccg tgaggggctc taacacaccc cactccagc 180
ctctggtcat ggacacagcc catagcgggc acagcatcat gatggaatgg actctgcagg 240
ccacgcatgg ctctgggaa cccccagccc ctcccttctc ctcccagcct tccagctgt 300
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<210> 826

<211> 302

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA401091

<400> 826

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taaactctgt gcagtttatt ctcattacag tgttcaacca gtttgacata taaagataac 60
acactttaac agtaaatggt gggaggcaca catatattcc cattctgaaa gaagacatgt 120
tatatatagc gaaaaaaatg cagcaaatat taaggatttc aaagtaattt ttttgaactc 180
agatgtgaca tatttacaag aaaagtgtgt acgtttttaa ataattaaat aatttccata 240
gacttataaa agaattgaga taaatattag gagaccctga caatcaccag aacattttcc 300
ta 302

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<210> 827

<211> 262

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA401151

<400> 827

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ccttctttta cctttatatt gatattttaa agaaaaagaa catgatggat acgggaatgg 60
gggaagggac aacggttcta cgattaacaa caggaactga taggaaccag aagctccaag 120
gatttataaaa aaaataaaat atatatttat acatttatat atatatatat atatcacgtt 180
atgtatgtga gtcccagaca agcaggaagc agcagcaaga agcaactagc acacagaaac 240
accgtgctgt gtgcactaca ca 262

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<210> 828

<211> 411

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA401343

<400> 828

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aagggagtca tgtttttctca aatctgggag gttgggtcatg ttgggttttg aaacagaaaa 120
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atgactccag ggctccctct cctggcacca tgctgagagg tggcagccct actgagactc 360
tagccagaat caccttggtt ccgtaaccaag ctggcaggaa gtcagaaatc c 411
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<210> 829

<211> 391

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA401376

<400> 829

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aatcctcaat ctaccatata attgatattt gaaaaaaaaa acccataaat attctaaagc 180
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gatgaacaac tctgaggtcg gcttggtgtg atgggggcag gtgtgtggct gacagtgggg 360
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<210> 830

<211> 266

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA401562

<400> 830

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accgagtgtg ttgggggtggg ggtggctggc tttgatccct accccagtgg gttggccagg 180
tgatcagagc ctccagggtc cctcacacac agcctggtac atttctgccg tcagggcccg 240
aaggactggg cccggttgtc cagtac 266
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<210> 831

<211> 516

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA401825

<400> 831

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caaaaagtac agtgtaaagc acctcctcgt taaatacaaa ctttcatattg gtgatgcacg 180
gcaccaatgt tttgcatata ccttgatgca aagaaaagtt taagttgcat cctgttttta 240
aaaaaaaccg aaacttaaga actgaacaag gattacaacc acattccaaa aagaaaattt 300
tccttcaaca aagcatattg ttttgtttat atacaatatg tgaccaccaa gagttttaat 360
ttagttgtac caaaggcaaa acattatact taaaattaaa ttacagatgc atgaagaata 420
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aattttttaa gttttcccaa aaaatggcat gaatag 516
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<210> 832
 <211> 470
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA401958

<400> 832
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 ttacaggcat acgccaccat gcctggctaa ttctgtatct ttagtagaca cgggggttct 180
 ccatgttggt caggctgggtc ttgaactccc gacctcagggt gatccgcccc cctcggcttc 240
 ccaaagtgtc gggattacaa gcgtgaccac tgcgcccagc cagtaactgc catttctaaa 300
 gaggaaagag agcaggcaga gggtcctgac tcccagggga caggtagttc agctggacaa 360
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 gtggctaaaa tactgtctaca ccagccaatc agtggaaggc tatcttgctc 470

<210> 833
 <211> 378
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA401965

<400> 833
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 cctgctgggg gagaaggagg ctccgggacaa agtgggagaa gtgctgggaa gggctgagcg 180
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 gggacctcgc tgctaactct tgttggtggg ggggtgtcctt agtgctgcca cctggagggc 300
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<210> 834
 <211> 417
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA402006

<400> 834
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 tccatgtaat caaagtgaac ttaaaaatag gacagtttca acaagtcagg agattcacag 180
 caactgatca aagggagtcc agtcaacgtg agcaagcgtg attatgatga ggaagcccc 240
 tctgctttta tccacacaag gaacgtaacc tgaagtaacc tgatgttaac caatctgctg 300
 tgttactat gctgtttcct tgttctgct agtgctgctt taaaaatgca gaccattcta 360
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<210> 835
 <211> 366
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA402095

<400> 835
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 aaaaaaaact tttaggcaca agatttttaa aataaagaat gagacaatga aaccaagact 180
 ggaataacag aagtaacaaa aactcacatt tcctaactct tcaattgggtc ttgtcttcca 240
 acctattggt taaggcctga gtttcagaaa tcctaccttc cttgccaaat agaaacatcc 300
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<210> 836
 <211> 290
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA402224

<400> 836
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 ctgcaactgt accaagtcca gggcgccgct ccttcctgcc gagcgcaggc tgctgagtca 180
 cgctgccccg gccagtctgt ccttcctggc cctgaggcca acgtcctagc ctaggccttc 240
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<210> 837
 <211> 359
 <212> DNA
 <213> Homo sapiens

<220>
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<400> 837
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 aagaggggtg ggatggagga cagcagcagg gccgacagac cctacttctg ctcccgctc 180
 cagacgatga ccatgccgct gggttcactg gaggccagta ggctctcgtc gcagttgaag 240
 ctgacatcaa gcacagggtg actgtggccc tgcagcttgt tgacagcagc cttggccgcc 300
 cgctccacat caaagaagtg cacgcacatg tcctcactgc ccgtcaccac gcaggcccc 359

<210> 838
 <211> 236
 <212> DNA
 <213> Homo sapiens

<220>
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<400> 838
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 cagatgcagt ggcttcctcc tccccacct ggggtgtgggc ccatgggggtg gagacagaga 180
 ggtggcctta aaaaacacag ctgtactaat tcttcacttt cacagagaag gggaac 236

<210> 839
 <211> 329
 <212> DNA
 <213> Homo sapiens

<220>
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<400> 839
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 cttgttcctg cttaaattag ctgttatctt acaatacaga aaataccaaa aaattgcagt 180
 cctaaatgta tgtataacac ccacaatccc cgcaatgaaa tagttttacaa tactttactcc 240
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<210> 840
 <211> 150
 <212> DNA
 <213> Homo sapiens

<220>
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 caccaaagt ggaggcctct aggcaggaag 150

<210> 841
 <211> 271
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA402656

<400> 841
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 ggagacgtcg gagccttctc cagcacctt ccgagctggg cccacgggtt ctgttttctc 180
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 gcggaggagg tcggacggca aggttggcaa c 271

<210> 842
 <211> 531
 <212> DNA
 <213> Homo sapiens

<220>
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<400> 842
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 ttaagaaaca tagaaatcat gtgaattgta ttaaaaactat gacatatgac aatattatat 180
 aaagaaaatt ttaactctaa gagacaaata taatttttta aaaaagaaat taaaaatatc 240
 acgtcttatg ctaaatatat atagatatat ttattatgat gcagcagggt ttggaatata 300
 gggatttagg caagttaaaa ataaaaagt ttatgcttta aactttctga atattgtttg 360
 tctgatttcc tatttaaata tcagacatca ttataggaaa tacatagtct acttacgatt 420
 gcaatggcac tttcaaatat aaggcaatta atattttaga aagcagcaac ttttactttt 480
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<210> 843
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 <212> DNA
 <213> Homo sapiens

<220>

<223> Genbank Accession No. AA402937

<400> 843

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cgatcatatt atataaaaca ctgcaacctc cttttcatta catccttcat atattatgga 180
tccatcatatc atttttaaca aattagatga aaacagctag aaaaagtaaa cagaagtttt 240
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aaataaaagag tatagtcttg caaaatgtgt acggaaggga gtgggcacat gggaacaggg 360
cagagcaaca gcagcactca ggatcctttc atcagaaagg ggaggcattc aggaagactt 420
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<210> 844

<211> 418

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA402968

<400> 844

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gacaagtccc cacacgtggc caaaggacag caccagact ctgcccctga ccagtcaatg 180
tgcagcaaac ccacttcagt aggcagaaga gtctaccctt agggagaagg cgccaggagc 240
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tcactcccac tggaggcgct gtgtatgcag ggcccggcag taagcccagc tgctacagc 360
caaggcccag cgacagacat cctccttcgg tagcagcagc agcctgtcct cctccagc 418
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<210> 845

<211> 394

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA403159

<400> 845

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acaccttaac aattatgaca aggcaattat aaataacttt ttttccttag taatatatat 180
ttgctttttg aagtacatta aagagctgcc atatctaggg ttagctagga aagagcaatg 240
gtaccatcct gggagcccac ctctttgaaa gattagactc caattttcaa aatcctaagg 300
tttactagtt ccataatata cagtcaagca gagggctact tgggttgaaa gtattgattc 360
ttgaacctta acagcgtttt accttttagt catt 394
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<210> 846

<211> 536

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA404214

<400> 846

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agcccctgaa acacatggta gctagggact gaacacagga accgtatgac agcagcacia 180
acccccaaag gatgttcctg ccttgtgggc ccctgagccc cttgggagac tgagaatcat 240
gaccagattc atccagaact gctgcagtgt taagtgaana tcctctgtag ttgttctgca 300
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gaggaacctt ccttccatta gaaaattttot gctcaataca gaatgggtcca catcacccaa 360
 agtgcactgt tggagatgct gtgaaattaa aacctctttg tacctgagac atctagattc 420
 acctcaggag gcctgaagga aatgtgtaac ttgtgggaaa gaactagaca accatttagg 480
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<210> 847
 <211> 485
 <212> DNA
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<220>
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 taacataaaa ttcattgtcac ttatcacaaa gacagtcaag tgtataaagg agaaacaaaa 180
 cagaagcagt atttacaat ttaaaactaca tgagatgttg tgaacaatct tttgttaata 240
 aacagcacgt tacatacttt tacatactac atttcaaaaa tgcattctgtg aataatatga 300
 taaagcgcag agtggtgaag actttaaatt aaatccaagg tcatcatgtt gaagacctga 360
 aattaaattc aaggtttag tgatgaaaaa tttaaagtca aggtcttagc gataaagact 420
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 tagtt 485

<210> 848
 <211> 579
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA404252

<400> 848
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 ttaattcttat gaaatcatct tgagatcatt catgggtcaag ccatgaaaac tcccatcttc 180
 aagcctgcct gctaaagctt ctttgccttc ctgattgtga ttatggtaac aatttatatc 240
 agacagttgt actttttgat aacttaggga aaacagaaat gacttgaaca agggattgcc 300
 tgccctactg cattgcagag atacaatttc tgtaaagaac acaaataagca gttgtgaata 360
 ttaaggtgtg attatctttc cctgtccatg tgcttattga aagaagatag tgaacaaatg 420
 attatattga ggattttttt aatttataag atctaattgt aaatccacac ttgggaacttt 480
 ttagatctgt ctgttgcttg tttaatatat ttcttttatg acattactta aagtttataa 540
 gggttttcta tccactgtca atttcaattg gataacatt 579

<210> 849
 <211> 174
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA404338

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 caccctgtga cccacacaca gcttcgatat aagcctagaa agtcttaaca ttaa 174

<210> 850
 <211> 528
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<220>

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<400> 850

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aaatttttaca gagataaagg gtatgtttgt tgctcacaac ttacaaataa taataaactc 180
tttattgtaa atattcttta ttgtaaatat tctttatcct aaattccata tagccaattg 240
attcttacag aatattttgt taatattttt ttttttgcca aacottgtat ccaaagtcaa 300
ctatcactgc gattttggcca tgatttgaca aaattagact acgaataaaa atccctgata 360
actgtacagc taggcactga agaatgggta taggttcggc atgaatgctg gttgaaattt 420
ttgtttacac tagtgaggaa gacaaaagta aaacaatgaa aatgaatgtc agaactcctt 480
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<210> 851

<211> 286

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA404487

<400> 851

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acagggatag agataggttc agcaaaccgc acacggtacc tcaggggaaa ggcaataagg 180
tgggtggtag gcacacaggg gtttgtttat tgtcattatt attactcttt atacttttagc 240
atatatatta tatgtgtata tacatatcta tattccattg catgta 286
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<210> 852

<211> 285

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA404500

<400> 852

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atgaatttat attttaactt gccatgtttg aaaatataaa attgcatcag aaaaaagtat 180
tatgaaaagc aagaaaacttg aactgataaa gctttgatat aacttttagt gatatactgg 240
ttgaaaaaga actaatattaa aaggtacagc tgagtagctt aaagg 285
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<210> 853

<211> 267

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA404560

<400> 853

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gtttccagta atatctatat ctctaatacag aattaagtct tccaagacat attacctgga 180
aataaaagcc tgttacaata agcaaagctt caaccagagc ggctactttt cgtgccagga 240
aaaagttcat ccctataggg aggaatg 267
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<210> 854

<211> 269
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 <213> Homo sapiens

<220>
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<400> 854
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 gggggcctca aagactgcct ctcccctcat agggcgactc cccgcggggc cacgcttgat 180
 ctgcaccttc aggtctcatc gaagtccacg ccaccagctg gtttcttact cttgaaccgc 240
 ggggtgatga gcgactctcc tggacaccg 269

<210> 855
 <211> 318
 <212> DNA
 <213> Homo sapiens

<220>
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<400> 855
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 ttatggcctt taaaactatt ggacaaactg atgctattta acattgttca cagccattta 180
 atttgaataa caaatttttag attctaagta ggccataact tctttgcaaa acaattgatt 240
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 agtagactgc tcttctca 318

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 <211> 357
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA405310

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 ctggagacat gcaattcttt ttatacaagt caatgcttaa aacagcaggc acttcatgtt 180
 ctaaaattaa acacctgaat tccaattttg ctgaatacaa tataaatttg ttttggggtt 240
 acttaaaaaa aaacatacaa acactacttt ttctttatct gtaaaggact tatgaaatga 300
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<210> 857
 <211> 414
 <212> DNA
 <213> Homo sapiens

<220>
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 ggggggcccag agcaagaccg tgaccgcggc gggccagtag tcgccaggga tgaccatgag 180
 cgtgtgatgg ggcggcaccg ggcctctctg cgggcctagg cttctgccc aacccccctgc 240
 tcagggcgag gggctgaggt cacacctcg cactggact cctggccaat caaggcttgc 300
 cagctggggag gccccacacg aaagactctt accattttat taaaaacgca aggacctcag 360

agacgttctt ttctgtatgg acccttctctg ccatttgtat ttgtcccag agag 414

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<211> 372
<212> DNA
<213> Homo sapiens

<220>
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aacagccaaa taattgccta cttttttgaa acaaacttgg tttttaccac agcagtttca 180
ttttcttttt ccaaaagtct taacacaatt ttgtaaagta aatttctaac gccagagaga 240
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cacacacaca catacacaca cacacacaca cacacaaaat ggaactgaac aaaagtcact 360
acttaatact tt 372

<210> 859
<211> 377
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA405495

<400> 859
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catttccaat cctagatcaa atggcaaaag ttctacaaag ttggtttcca tgtttgata 240
aaagctccga ctgattttat gtattttgct atgaaattac ctttgggtct tataatcagt 300
atacctctac tcaggaatgt gcaaattgatt ttatacagca cgacgctagt accgctctgt 360
atgacagtaa ggttttt 377

<210> 860
<211> 346
<212> DNA
<213> Homo sapiens

<220>
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gtgatcatat caaagtataa attttgctaa caagacacgc tgtgtaccac cttacagatt 240
tatagtttat gcggcagagt tagaaatctg tgacaagtcc taacacttgt cacatctcaa 300
tgtggttttt cttaaaaaaa gcagccaata tccatgtaaa cagtac 346

<210> 861
<211> 187
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA405544

<400> 861


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gccagaggc agggcctaaa ggaggtgcag agactagggc cgggagtggg gaggcaagggt 180
tggggcc 187

```

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<210> 862
<211> 340
<212> DNA
<213> Homo sapiens

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<220>
<223> Genbank Accession No. AA405715

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taaaatgtgt aactgttttc ctggtagagc aaaatttctt gaaagggggc cagttgagac 180
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cggctgcctg tgggcctgcc tgagcctcag cctagcttgg agtctgaggc tccaaggagg 300
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<210> 863
<211> 455
<212> DNA
<213> Homo sapiens

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<220>
<223> Genbank Accession No. AA405744

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<210> 864
<211> 427
<212> DNA
<213> Homo sapiens

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<220>
<223> Genbank Accession No. AA405791

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<400> 864
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gggtaagggg gtacatggag gaagccccac gccagaccc catcaccttt ggggtgcgggg 360
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cctccgg 427

```

```

<210> 865
<211> 406
<212> DNA
<213> Homo sapiens

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<220>

<223> Genbank Accession No. AA405819

<400> 865

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ggatggagcg gggcggcctc accaccactg catccagcct catgctccag agcggatttg 180
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ccagacacag ccggaaccag tgccccaggc ccctctccac ggccaggaac aagaaactga 300
gtatcaccca gtgccccaca gaacggggct aggaatcaag cccttagctt ttcagttaga 360
aaaacagacc ttgaaaaata tatacataat acagtggggc ctgctg 406
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<210> 866

<211> 474

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA405832

<400> 866

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caccttggtt ccaggcatca cgccagtcct tttattttcca tcatcatcct tgtgaagaaa 180
tggaagtctg gagaggtgaa atgatgaagg caatctggcc acaaattctt cttctggatc 240
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aatattctgg gcatagcaca tcccttcaat ggccatccca gatgcaatgt ccacctccgt 420
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<210> 867

<211> 405

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA405907

<400> 867

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ccaacttctg ggcctcaagc atcctccgc cttagcctcc agagtggctg ggactacagg 300
cgtgtgccat ggtgcctagc caacattgat cttttatcca gtgccaccac acacacatta 360
gcacctcaaa ggtgggaagt cagtcatcag tcttccctg ttgtc 405
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<210> 868

<211> 322

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA406125

<400> 868

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gtaggggagc agacatgaaa ggccaccctt gtcttctaag agctcacaat ttaatgggtg 120
ggggaggggc gaggaggagg ggggtgaagg aagtccacaa acagctctag tgcaaggctg 180
attatagtga gtgccagaaa acagacaagg taatgagatg ggggaatgag aaaaaagtgc 240
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caacaaccaa cggaaatata aactggggtg ggacatagct attgtttctca gagatacgca 300
aatgacattg agggccaagt tt 322

<210> 869
<211> 489
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA406126

<400> 869
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tgacacatta gaaacataaa ctttagggct ttttcatctc cacagcatag aggtctgac 120
gcttctgtct aaaaacgggg atttgctggc gtatttcagc cagcttcttc aggtctatgt 180
ctgaatacac gattgcttct tctgtgccag ctttggttag aacctcccc caagggttca 240
ccacgggtgct gtgtccccag gcaacatagg aggctttgtc atcccgggca ggagaggctg 300
tggcacatac acctgattat caacagcccg gcttcgctga agtaactccc aatgggctgg 360
tccagtggtc agattaaaag ctctcggata taccaacagc tggcagcctc tctgtgcgta 420
gatttgtgca agctctgcaa accgcatgtc gtagcagatg cccagaccca ctctgcagta 480
agctgtttc 489

<210> 870
<211> 340
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA406145

<400> 870
ttttttttta gggttcagtt ccagctgatt ttatttcctt ctcaaaaaaa gttattttaca 60
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tttttttttt ttcccccaaa cattgttttt gtggccttga attttaagac aaatattcta 180
cacggcatat tgcacaggat ggatggcaaa aaaaagttaa aaaacaaaaa cccttaacgg 240
aactgcctta aaaaggcaga cgtcctagt cctgtcatgt tatattaaac atacatacac 300
acaatctttt tgcttattat aatacagact taaatgtaca 340

<210> 871
<211> 447
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA406216

<400> 871
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tttccctcct gggctgaggg gtgaggggaa ggatagcagt tgattcattc ttctctcaaa 120
cttgctctca tccaatttgg tgtcctcagg gaggaaggga gaacctgat ctggaagtca 180
gtgcagaagg ggtgccctgt tcccgcctgg gtcccaagct cagctctgcc ccagggtccg 240
gtgagcctcc tccctggagc aggggcgctc tgtccctttg agaggagtca gcaagcaagc 300
ccgcaggtea gtccgcaggg tgttcgggac aagatctgtt cacttcaaac cagcagctca 360
tgcagctttt gtgatagatg cacaggcagg gcagcctggc tatcgtgtcc ccctgcagca 420
gtcctccag gcagatcaca cactcac 447

<210> 872
<211> 419
<212> DNA
<213> Homo sapiens

<220>

<223> Genbank Accession No. AA406218

<400> 872

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tttaaagggtg aaacattttt atttagtttc attacagagg ttaaatagac ttttatgaca 60
tccatacaaaa ataatagcaat gggtgtgggc ataaataaga attgttctaa ctattctaac 120
tgattttata atgcacagct ctttcagttg attacaaata tgaagtatat cacctcagga 180
tgcagagatt tttgaattct atttagcaat ttccaaaagc tgaagtctag aaccgaagac 240
acataaaaaa agatgatttt taaatggaac cagccacctt gaaaaatatt ttgaaaaaca 300
tgattttaaac tttagaaaaa aaaactttta atacttaaga gataacatga tgcaaacgtt 360
gcttgttggc ctgactttcc aggactaaga ccctctggga atcaatgggg ctcggtgac 419
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<210> 873

<211> 434

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA406231

<400> 873

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ggcagctggt gagaacagcc ttgggtcgaa ggcattccctg gtagaagtcg ggggagatag 180
atagtcacag ttccccagtt ggtggaaatg ggatgggagt agggagagggc tggaaacagac 240
ccttccccat tcacctggag aattttctcc tccactgcc ctaaactctt tatttccatc 300
acaggggaga aatgctgctg agaagggtgt gttgttagg ttgatgacga attttacatt 360
ggccacaaaa ttagctagag aaacttatct aaagggtggca ggagcagtggt ggagggcatg 420
aagaaagcaa gacc 434
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<210> 874

<211> 460

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA406363

<400> 874

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ggtgagggtt caactatctt tctctagaaa agaagagaac tgggtattca tcaaattggt 180
taaattgagg ttctgcaaaag agtttctaca gatacagctg aatatactaa acattgctct 240
attatctgtt gaattgctgt atttcacttt ttcagcattt ggggatcatt atttaattga 300
attttagtag atcgattttc cagacaggtc tctgttcttc aatgaacaaa tgataagaaa 360
caatttgact ccttatatga caatggaatt aaataaattg acactcatct aggaataatt 420
ctacaatcat ctccatctct aagattacct actgcaaaca 460
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<210> 875

<211> 436

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA406384

<400> 875

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aaggatcatc agcagcttgg cagggtggtc ctctctgggt ttctctttct tctcactctt 180
cttttcttta gacttcgcac gttccttgcg gcggcgggtc cgggaccttg atcgggaacg 240
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gggcccttct cgaactttgt cccgatccca ttcacgctct gatcgagtc gctccccg 300
 ctccatttcc cgttcccggt ctgcccactg tccccgact gcccgttcct gctccccgctg 360
 ctctgcccg gggtgctgtg gtggctggac cgggggtggg ggtggggggg gcaggggccc 420
 tggattccc tgctcc 436

<210> 876
 <211> 450
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA406385

<400> 876
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 aattttaaga acattacagc tgaaagagaa tggcatgttt atagtcttat tatgcactat 120
 attttttgaa aaaaacgtaa tacaaagaaa tcctattaag taacttggag cagcattgga 180
 aaaagtacac ctatttacag attaaaaaaa aaaaaagatt ctggtttcac ctacacagcc 240
 acaatgtgcc tctataatga gacaagccct taaaactcat ggaatttttt taaagaacat 300
 catggcattc ttgccacatc attcctcagc gtttacgacg gggagggggt gttgatctga 360
 aaaaaaaggg aaaagacaaa atttaaaaat aaaaatgtat tttaaattaa aaatctgcaa 420
 ttttaaataa ataattattat ataggatttc 450

<210> 877
 <211> 468
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA406435

<400> 877
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 agatgccttt ttccaacaca ccactgagtt gaagaggatg gaaaaagtca acagatgagt 120
 ttctctgtct tcccgcagtt tcccttaaac catttctgct ttcatcttct tctccttttc 180
 ttcatctctt gcactctgtg actctcctat cgtctccagg agcaaggcag agacacattc 240
 ttgtctgtga gcagatgact tgtctagaaa tcatggacag cctgcaagtc cttccagtcc 300
 tcccaagaat ctgacatggt tttaggcaga gaagaggctc agaggcctgc tgactcaaca 360
 tctcttacia gcgcctttga gtttctccag gaagcgctga ggttttctca gaagtcaaaa 420
 aactttttct gtattgtttg aaagctggtc cgactccctg aagccgtg 468

<210> 878
 <211> 477
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA406542

<400> 878
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 tagcttagag ggaaagattt ctgatttttt ttaaatagta gcaatagagt tgtttccaca 180
 aattgtcaac ccaggagcca gatggaaaga aaaacaagaa ttatgcagat aactacagaa 240
 agattaatcc caatttagtt aaacttgtga aggcctgtac gtttcagagg ttcataagac 300
 acagtctcaa caggagtttt ttttaataaa tgctctatct ctagtccag aaactgaatt 360
 ccaagaagct acactgagga taattcagct ctgatattgt gattactgtg atgttctttc 420
 attcatacag taagtatctg cccaatacgt aactaccgag atctattgct tcctaca 477

<210> 879
 <211> 497

<212> DNA
<213> Homo sapiens

<220>

<223> Genbank Accession No. AA406546

<400> 879

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actactactt cctgttttcc cctttactac tacaatttaa gcctttaaaa atggcaattt 60
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tgtgaaatgc atcttcaaag aggttggtcaa taatatgcaa atttttgaaa actagtgaga 180
ttactaatta ttgatgaata aaaaatgagt acttttaatc tgccaagtta aagctctaga 240
attccttttc tccagtaata actcgcagca tcactaccaa tggaaggagac ctaaggaata 300
ccgtgtacac tgatatacac gaagctgctc ctcatTTTTT tgtcagatta caaaagctgg 360
gctcatgtag ttatggccta tggacctctt ttttaagttat tttagcagaa gtagatgatg 420
gtctacacct tgctcctctt ttatattaac tgtccctaag ccactctgat gactattcta 480
atcaaaatca gtatagc 497
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<210> 880

<211> 484

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA406610

<400> 880

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tcataggcaa gatccatta ctgatcagcc tgggagtttt ggctgctcc atttccaacc 120
tgggctgggt tcacccgtcc tgatgcaagt ttgtggtttc ctgcttcagg gacatcacca 180
tattgatgcc aaacttacac ccaactggca tagtgtacca cagcccagaa ctctggggct 240
ctagggatcc tcctgcttca gcctcctaag tagctggggc tgtacgcatg tgccaccaa 300
cctagcaatt attattttta atcttagaaa ataaattgtg tatagaaagg aatagttagc 360
acatttatgt ctaaagagga ataaaaaagg acaactgggt ttacacaaaa tgcattgaag 420
tgactgattt gaagcagcct atcaagtaca ttcaaaccaa atggcacagg agattgtcat 480
ctca 484
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<210> 881

<211> 398

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA410181

<400> 881

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gatttttttt cctttgcaga ttttttttta agtagacata gtcttttttt ttttttttta 60
gtagacatag tctttttttc tttctcattt tacagcaaac attgcaaata tagaaatatt 120
tttttctgta caatagaacg actacagtgt acatgggggc tgggctgggg gacgtgcctc 180
ccagcccttg gccgtcctgg cccccggcc gtccacaggc acagcctcca cccacctga 240
gtccagcagg gtcacaggac ctgtcccggg tgccacttgg cgccgcagtt cactctgccc 300
ctctgcagtg gactccggag gcggcaatga agagacggac tggacagaga atccacagaa 360
aaccacggac cgaggagatc acgtgagggg ccccgagg 398
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<210> 882

<211> 417

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA410255

<400> 882
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 cacaataaaa gTTaaaaagt tacaatgtgt ccagtgtata taccaggaa atccattctt 120
 ggtactTTTtC aagagctgct gttatactga gtctctgaga agTcccctta gataatagct 180
 gccactTTTtC agtatggTtC agaatgagta tcttagtatt cTTtctattt tgctatggTt 240
 ctagtTTtAtC aacctactTTt attagctgaa ctgTTggcca ttgcttgctg accagtagaa 300
 actcattgtg cTTtagttat tggaaagtca ccaactTcac gtccatttca ttctctggta 360
 cagggaagag ccatcctTgg gattatgttg gcgatcacag ttctgggaca gttcttC 417

<210> 883
 <211> 199
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA410469

<400> 883
 ctgtggagca tttatttcaa ccaggaggta accaaatcta catacagtct aaaaacggta 60
 gaaaaggTga gtaaaaaggc cctcgctcca tctagggtgg ggatggaggg tggggatgga 120
 gggTgggccc gggcaagcgt cgtacctggc acccagagag gggctgggca gcaaggacag 180
 tgccgagtag agggaggct 199

<210> 884
 <211> 467
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA410507

<400> 884
 aatgttgagc agccaaaaag tcatggttta ttatatctga agaaatttca taattcaaac 60
 acaaccaaac tgtacatttt acaatcacat tctatttgta aacagttaaa agccactgac 120
 ttcttttgca tcttaggaca caaacagtta gaatcaaggc aatgatatga tggcaaattc 180
 tgtactgtta aaatttttac ccttgTTtag tctctcttct ttgactaagc aagcattata 240
 ataccatttg tgggcaaaat ttggggggag gaaagaaagt ttaacatggT gtaactcgtt 300
 agtttgcaac aacattttaa attttcttta tacaacaaac aactctgtaa gccaataacc 360
 ttggttacag tatgcatagt tactgatttc ggctttaagg tacaacagtt aaacattaac 420
 acagtcacga gagagcagaa acatatggag ccacttgatg ggattac 467

<210> 885
 <211> 438
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA410508

<400> 885
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 ataatgtttt atgtaccaa gccttttTgc cccattttcc atcatacgaa tagtattccc 120
 tgttgctaag ccgatgatac attacccttt tcccataggT gtgagtggcg gtctgaatgg 180
 agaagtTcaa tagttctgat tgcagatcct atgcagaaga gataataagg aaaataatct 240
 ttgtctcctg gattaagctg aggctggcaa agagtgaat gtcccaagcc ctctaacaac 300
 aaacaacata ctttgTgttg tcctggatgc tggTctggTt gccaaatatg tggaactggc 360
 cccatatgcg tgtactgttg tccatttcat gagagtaggc ttgaggacac catgggcaag 420
 gatctgatgg ttgccagc 438

<210> 886
 <211> 301

<212> DNA
<213> Homo sapiens

<220>

<223> Genbank Accession No. AA410523

<400> 886

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gaaagcatag ggaggcatag ccctccagag gggaattcta agacagacag ttgaagggtga 180
ggcctttgaa aaacaatggg aacatcacct cccaaagagg gactgagggtg gctggaggaa 240
ccagagccgc ctctgcactc tgcaccgagg gtcgcgtgtg gctgtcagga gagcagcgta 300
a 301
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<210> 887

<211> 329

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA410962

<400> 887

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aaatatttaa ttcccattta tttaaagttt cgtcagtctg tgtacactat ttatattaaa 60
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cactgagaag agctgtatcc tcagcaccag acccggttgg gggcagggac gcggcatgtg 180
gcgcgggagg gggagggtgg tcccagcagc tgtcccttca tagccttggc ctgaaaggaa 240
gcaccccaac ccccatcagc tgggtagggtg gggagcgggga agaatcctgc cagcagagag 300
tgatcctggg gcatggaagg gaggctgca 329
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<210> 888

<211> 425

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA410972

<400> 888

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taccaatgcc agaaaacctt tatttccacc gagacctctc atccaattct cttctttccg 60
ggaacttttt cccttcccta ctccaggctg taccctggcc actcctttcc ttttggctgg 120
ccaatgtctc ctctgtaggc tccagaaggc tctcagggat gcaggcggcc tcctgcaggg 180
ttgagttgca atgggaacaa agacagctgt ggtcccatag caccctcatc tggtgacatc 240
ctgctactga cagtcaaaag aagccttccc agatgaaatt ttagtcctct gcgcagcatg 300
ctcttcttcc agcaaaagag ccatgtgcag tccggtctgc tcccatggg ggctttgatg 360
tgggcccagc agtggatcag ccttccagac acgctcaact ctgcacactc ttcttgccgc 420
ctcag 425
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<210> 889

<211> 267

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA411502

<400> 889

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tgacaacagt aggtaacggg agtcatacca acagtagggc agtgcatctt atattacaac 120
tggtttcttg ctctagtagg cttgggggatg ggtgaagacg gacagggctg gcgcagaccc 180
tttccttctc ctctccagcc cacagtgatc tgggctttta caagacagcc tgcttccatt 240
```


cagtagtggtg ggaaagttcc ttcttgg

267

<210> 890
<211> 391
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA411685

<400> 890
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gaaatctcat ttatcttaaa gcaaattaga ggacttataa aaaatctttc cttttctata 180
gagatgaagg aaattttaat acagtgggtc tcaaactggg gtccctggac cagaaacatc 240
tgcatacacct gggaagtgtat tagaaatgca agtgatcagg ccagaccctc tgaatgagaa 300
attctgggtgg tcgagcccag cagtctgttt caccaagccc ccgcccagatc gttttgctgc 360
tgctgaagtt gaagaaccac tgccgtaatg a 391

<210> 891
<211> 379
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA411764

<400> 891
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gcaattctcc cacctttgcc tcccaaattg ctgggggatt acaggcgtga gtcaccatgc 120
ccagcctagg atgagtttag taagatttgg ttatgctggg gagatgggaa aagccagggt 180
aggggcacgc aggtctggagg aacgggggtc gtgggggtgg atggatagcc atggaggcag 240
aaaggagcct ctgcaggaag agtctggaag agcgaggagg aagcgggtgag gcaggggagc 300
actgtggaat ggccctgagg ccaggagggg ctcaggatga ccaggcagaa acagagcggg 360
tccaggggtgg agggggaggc 379

<210> 892
<211> 425
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA411795

<400> 892
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aaagggcaca gactctggag ccacagctgg ctaatacact gcaatatttt atgttttagca 180
aattatagct ggtctgtgta taaccagaag agcggatatc tgggggatcag gatattctaaa 240
ttctagactt acagcctggc cctgaatcta actatcaatg ttgccttggg aaaactgctc 300
aaacttttga tgtctaaagt ttcagacttg taaacttgag aggggttgagg tccaaggtcc 360
cttaaatgta aacttttaaa tgcttttttg ggaatctttc aaatcttcaa gctcttcaaa 420
gtgca 425

<210> 893
<211> 330
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA411813

<400> 893
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 gaagctgacc cagaaccac gcccgccag gctggggaag tctctactcg cccacacca 120
 ggccccgagc acccgctgcc cgaagcagcc cccagaggac agacggggcc tgcgactga 180
 ggtagctgca tcttaagccc ccatgagtag aactgcccag ggctgcccac tccccagagg 240
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 cctcaacaaa cctcccagcc tctcgggctg 330

<210> 894
 <211> 426
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA412034

<400> 894
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 agggcattat ccaaacagag ttttagttgg tgggtttaaa gcaagcaggc atgcattgag 180
 gaggtcacac agtgactgag agatagtcac tgtggcatgt ctgtgtagtc catgtgcggg 240
 atgaggggtt ggggggtcag tcaggtaggc catatgtaga tggcccatag ggaggtgggt 300
 accaggagga atttatataa ggcagatata tggatcaacc acattgaggt atagaactgg 360
 aaactgtgtc ggggtgaatga gccctgcttt ttgtatgaga aagtccagct tgtatgcaga 420
 attata 426

<210> 895
 <211> 521
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA412063

<400> 895
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 cggtttgagt ggaacagctg agaaacagca tatatatatt ttaacacctc aaaatagttt 180
 gaaatgagcc tcacagcctt gttcaatctt cagattacaa ataacattga tagcatctcc 240
 tgtggccttc agttagtagt gccagttaat attgtttctg aaaactttcc tctcaaagtg 300
 ctggctataa ttttttttcc atccagtaca cataagaaaa ggatttagta acacttggg 360
 aagtaataaa ctgtagaact ttaaaagtag taaaggcata taccaagcat acgtgactcc 420
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 gaatgcacta atgaaaaggg taaggcatcc aagcagagtg t 521

<210> 896
 <211> 522
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA412068

<400> 896
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 gtactggagt tcattaattc tttcaccaaa agcacatcac tgaaggaaaa tcagaagtgg 180
 ttttttagtt attattaaag tagttcaaga cccagggaac cccttgagat gaaaacaaaa 240
 cagtattcaa cttttcttca caagactacc ttgtactggc aagacttaga ggacttctgg 300
 cttgaaaaat attgcttaga aaacttaaaa aaaaatcaac aacaactata ttttggacaa 360

aacaattttt ttttaattctg tcttgtaaaa tccttacttc cttttgagtc tctgatggcc 420
acaacatttc atttgagatg tttggcagtc acagcttcag gggttatggg tactgattat 480
ctaaaccctc taggtcagaa tgaacaaaca cagttcatgt aa 522

<210> 897
<211> 329
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA412149

<400> 897
tttctggagt cataatttca gaaagagtaa agataaactt tcttattaaa aactgggttt 60
aggtccaaat aatgaagatg tagaaaaaca acctacagtc ccattataac attttgaaat 120
tcatttataa aaaaatttac agcagctgta aagtttcagt atcgtaagga caacgtgatc 180
ctacaaacag ccaaaggatg tagacaagat gtttttctgt cttccaaata acacaaactg 240
aaaagaaaag cctttgcttt tccttgGCCa cataaaacta gtatttccac actactgggt 300
aataacccca agaaacctt gcttctctt 329

<210> 898
<211> 416
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA412184

<400> 898
tttgaggatg ccatgttctt ttagtaattc accagctcca tgcagggaca tcacagggtc 60
gccctccatg agcagaggag gagggtgcc tggcagagcg tttcacactc cagggttagcc 120
agaaagagca tcttcatttt tgtttccaca caacacttct ctgtgagcct gttggccaac 180
aaagtggcgg ccgattgttg gaggagccag ccaaccatct tgtctaactt cagattcttc 240
agggctagaa tatgttcacc ccagaggctt agatgaagca catttgcggc tactcgggca 300
gatggtctct tgctggcctc tcgctggagc agtgcctca ccaactgtct cacgtctgga 360
ggcactgact cgggcagtgC aggtagctga gcctcttggt agctgcgggt ttcaag 416

<210> 899
<211> 305
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA412301

<400> 899
tttatagtgg gtccattttc caataattct caaaggagtc tgagattccc caagctttca 60
gaaccgctga tttgttctgt gtcagacctt cccattcatt gtcttgatc ctcccacagc 120
ctccagaatg ggaaaataca catcattgca tgaaagaatc agtattaaca aaacattaat 180
gacattccct tccccatccc tgtggatcaa ggcaagaagg gccattcgcc gatgcagata 240
ccaggagtgt gaaggccgca gcagttttga ggctgcggt cagtgtctgg acttccaggt 300
caagt 305

<210> 900
<211> 363
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA412403

<400> 900
 agtaaaacaaa caaaactatt taatgaggggt gtttagctct tcacacactt taattaatgg 60
 aaaacaaaat ggaagtgtgt gaggtcacg gcacggatga aactggaaaa aggaagcttg 120
 gaatcttagg ctccagctct gggcctcgtc ctaggaaaca gcccaggagc tctctagcca 180
 ccctcgtagt ctaaacaacct gagggacgaag ctggaattct tctttacaga tggggcatgg 240
 ttgcacggag tcccccttgca ggagagagcg ctgtttcacc ttctccatt catctgatga 300
 cagtggaggt ggtggaggcc caatgaggcc caacttctgt gccaaagtca acggcgggcg 360
 ttt 363

<210> 901
 <211> 279
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA412405

<220>
 <221> unsure
 <222> (1)..(279)
 <223> n = a or c or g or t

<400> 901
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 cctgctgttc gggcgtgggg ggtggggggc gggggcactg agctgggcat tctgtcctcc 180
 tccctggatg tgcagacatg ggccatggtt nctgacgnac ttcacatgtg aacctggggc 240
 ttctgtcctc ctccctggat gtgcagacat gggaccatg 279

<210> 902
 <211> 380
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA412481

<400> 902
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 ttacataagt aggaaagtgt tacttttagcc ccctttttta aaaaaagca aattacaatt 120
 tctgtatata tttcaagtga atcatttaat gtgagttagg ctgagttagg tgttaccata 180
 agtattaaca gaagaaaaag ggaaagcaca aacattttcc ctctaccaga aaagggtctg 240
 atgtaagata aactagcctg ttggtttaac aatagtcac taaaaaggcc agagaatctg 300
 ggagaagatg tacttggaag cactgtcctc tgaggggcca ttcccaaggg acagcaaaat 360
 actgaaaaaa attaactggc 380

<210> 903
 <211> 428
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA412520

<400> 903
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 ctgactggaa tcttgagtgt cacggagaca gccccacat gtgaccacc tgtagttttc 180
 caacaggcat ttttccaaga gtgagttttg gaacattaaa ttaagagcaa attaaatttt 240
 ctgaggcttt gaggggcctg ggctgaattt ttttaagtga tagagtttag aatcaacgat 300
 ttaaagctca gtgtccccta tatgggtcta attatgaaca tgccactatg tccacattag 360

aattgaactg attttgtaac aagttatttt ctatgaaacc ctggaagggtg gtgaatgagg 420
gaaagtgc 428

<210> 904
<211> 547
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA412700

<400> 904
tttttttttt tttttttttt catctctgac tttaatggct taagcaagaa catgggttcc 60
gtggctcccc ctggactgaa tgctggagga tatatacttc acagtctgag gcctgggtccc 120
aggaactggc aatctaacag gatggcaagt ggttttgaaa catatagatt ttcaggatgg 180
aagtttgatt cttcagattg tgactcatcc gtggaaaata aacgggttag cacctaaatc 240
tgtatattcc catcagtggc ttggctgact cagttgtaaa tagggtagcc tccatctgtc 300
tcccacccat atgctccact gtcccaggc cctcagtgcc tgagccctag ggggattcga 360
gttggtgtgc ggattcattt cctgcaagca ggctgcaag gtgacctgtc tctctaagat 420
ggagagctgg agaactggcc tgtaactgca aacttaaaact cccttggtc tggggaatgt 480
aaagggtgtg ggaagggtgc acctgtggcc aggtgaacct gggagtgtgt ccatacacia 540
cacacac 547

<210> 905
<211> 365
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA412720

<400> 905
tttttttttt tttttttttt tgcagcagat ttttattaga tggaagataa caagcattac 60
ctcataggta agtggtgaaga aatggcaagt acagccaagc cacagaggag tgaggacatt 120
actggctatg ggaatgggta cttatgaaat ctaagggttg ggtctcctga tgaactataa 180
ctaccagta agctcttctc tttggcactc aatatgacca ctgctggcat gaaagggtct 240
acagttagct cttcaacttg gccaacagtt cttccagttc tggctgagct ttgaatcgct 300
ccttgaagtc ttcttcagtg tgctccttca ctgacagtct gactccttca ggaagactgc 360
tttgg 365

<210> 906
<211> 369
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA416723

<400> 906
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gcaacagtga atattcactg ttaattttca caagagtcca tttcatcaaa cgttcagaga 120
gtctgccttt tcattccctt gttcctcagt gctccaatca ggtttccagt ctcccagagg 180
ttttcttttag ttttgattac cgacaaaac tccagtttag ggagaatgga agtccaccgt 240
cccatcccca ccaaaacata tttcagtcaa acccaatccc agtccctaaa gaattaggaa 300
agtatggggc aagggtcctt ttaattatac acacatcacc cttaaaactg cgtgtgtgta 360
cgagaaata 369

<210> 907
<211> 372
<212> DNA
<213> Homo sapiens

<220>

<223> Genbank Accession No. AA416740

<400> 907

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tttggctgta aaatcatata tttactatgt ttgaaagaaa taatacaaaa aagagaggaa 60
aataaaagca aaccctaataa ggtcactaaa gaagtcatac caacctcatc acttgctttg 120
tatcatctat tcatgcaaca gcagtactat tactccacct ggacacagtt aaactcatct 180
tccttttcaa aaagggatcc aattatttca aaaacctttg aagcagagga tttgctttat 240
taaagattat cttctgttag gcaacactgg cacccttgtg ttgcagaaga tgattacgtg 300
gtggttttaa cactggttgt aaaggaatgt gcctcataaa aacaggaagg aaatcaatac 360
cagatctatt ca 372
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<210> 908

<211> 493

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA416873

<400> 908

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acaatacttt aacagcaagt ctatgggaaa attgtttggg tttaaattat tatgaaacag 120
aatctatggg gagctttatt aaataaacat aaagatgagg atttaaggat acacacctgc 180
attctatcat agtcattttt actctacctt ctgggtgtgt aaggatggaa aagacacatc 240
aaaccgaata aacaaaatcc attcatatcc tgaacgttg gcaggccact caagggactg 300
ctcagaacgt ccacctcatc tcagatggcc tcaccgtcta ataaaattaa aactgatctg 360
ttggcctctt tggttccaaa attatgtata atacatttaa ctgtattctc tttttttttt 420
ttttgctgct ataaaataac tttttttcaa tggcagttct gactaatctg cacttaatca 480
gtgcaacata aaa 493
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<210> 909

<211> 491

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA416890

<220>

<221> unsure

<222> (1)..(491)

<223> n = a or c or g or t

<400> 909

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cagggcagtg tcaacttagg cctctactcc atggctgtga aaggacagea gcctcaaggc 180
agtctagctc ctgggcacag gcagccaaac cccctcccat atccagctaa accagctcca 240
ggaaaggaga aggtcctggt tccccggcat ccttggggcc cagggactgg ttctttcacc 300
ggatgatctt gcctggttga accacagcag catttgggct ttttcacact ttcctacatc 360
aagaactttc ccaaatgtgg gccctgggcg taaggcaaaa cagtggcctt ggccaaggct 420
ctgggcctct gggagggtcc catctggcat caggtggcgn acaaacaggg tgtcagcacg 480
gagagagctg g 491
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<210> 910

<211> 418

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA416936

<400> 910

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tctttatggg tatacatcat ataaaaataa atcattttca tactttttta aatgttggca 180
ctgtaagtca caagaatgag ctactcagtc agtctcccta tttcaggaag cttttgcatg 240
gaaggacaga gtctctgtga agttctctgg gaagtaaagg aggcgctgat agggactgaa 300
ggctgcctta gctcagaaga gctcaaggca acagggcaat ttggggagag tcacaggcac 360
aggaagggcg tagatagaag atacgtaaaa tcaaatcagg aagttttgtt atattgtt 418
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<210> 911

<211> 382

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA416963

<400> 911

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gatgtcaccg gccctccatg acatccagca cattcaaaag cattgcggga cgaccatgaa 120
aagggccttt gctggcggac ttcccttgag ggcggcgtca gggtcatttg ctcttcgtct 180
tctgactctc cgtcttcttg ggcagcagca cggcctggat gttgggcagg acgccgccct 240
gagcgatggg cactttgccc agcagcttgc ttaactcctc gtcgttgccg atggcgagct 300
gcaggtggcg gggaattatc ctggtcttct tgttgtcacg cgcggttgc cagccagctc 360
caggatctcc gccgtaaggt ac 382
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<210> 912

<211> 379

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA416970

<400> 912

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gagatataaa aatctgtatt tatattacaa tgacataagg acacagcacg gccacacagg 60
tgacaggtg gccggggcca ctttccccct ctagegcacc cccctcacc ggaccaggc 120
cctcgtgtgg ccccgactc tggcacggaa cctgccttag tgcccaacat ggacctggg 180
ccacctgct ggccgagggg cagggctctc tgtgcaggca gtggggaggg ggtcccagg 240
tccttgacag agggaggcag ggcacggggg agcctgcctc acccagcgga cagcacggc 300
cggggcagac agagcaggga ccctagggcc acagaccggg acagggttcc accaccggg 360
gacacaggcc caagcaccg 379
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<210> 913

<211> 354

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA416973

<400> 913

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gccaaagaaa gtttttattg caagcacagt gagcagaaag agatgtcttc tcacacaaag 60
tgccacaag gtctgccatt aactaaatct ctttgacaag ctttcattgg tttaaagcat 120
atgaattagc ttcttgctat caggtgtaca tcatttctgc catgtgggac attttcttgg 180
gaatatacaa gtaatactcc atgtagcctg acaggtcctc aatggtcaca tcatccacga 240
agactcgagc ttgctcagaa caggatcggg gagagccaga cagagttctg gcgtgcagcg 300
actcgagagt agtccctcaag tgtggatctt cgttctggag ccaagggagg gaca 354
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<210> 914
 <211> 418
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA417030

<400> 914
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 agaaccattt acactatggt gacagtagta ctgctgcagg cagacagcgg aagaataaat 180
 aatagtgtct caagaagagt agtgattgag aggataggta aagagggcgc ctcatcgtgg 240
 aagctagagc aggaacacct cccagtagt gacatgtgca aagttccaga tctccacgac 300
 aaagacagct caacccactg gaacaaacag actcccaatg tggctggcaa ctgcgggggt 360
 agaagaactc aggcaaagta ggcacaggaa tggggggagat gagagccaag ggacaaac 418

<210> 915
 <211> 533
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA417046

<400> 915
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 ccaacaagct cagtttgcaa atacaaacag taggtgcaca ctgaaaaata ataactctta 120
 aatcttttta cttgcaaaga ctcaactgtt atttaaaaaa gtctcccttt acgggtatgc 180
 aaatttccta caaaatttcc tcacaatctt caatcaaatt aaagtggat tatatcaagt 240
 ggctgtccat tcagtttctt tctggaaatg ttgagttatc ctctgggaa tattcagagt 300
 ttcagggttt tagcacttat ggcattatag atgtctcag tcataggcac atacattttt 360
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 accagggtca ttttgcggtg tttaaaagtt ccagtgatct caatgggtgc ctgtattctt 480
 agaaaccggg gccttgcata actaggtagg taatcagcaa tgtgctgaaa gag 533

<210> 916
 <211> 437
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA417078

<400> 916
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 ctggcccccga gcctctagaa gtcagggtct ctgaggccca gaagctcagc gccacacctg 180
 ttgaaggcca gtgatgtcag agttactctt ccttctctca gcagcactga cagcagttta 240
 ttgtacgcaa tttctagaac tcagatgttc tagaaggaag caaacatatt ctgagatcac 300
 agactatgac tatgtctctca gaatatgttc tagaacacct aagttgcaat tcttaaaatc 360
 aacacagcgt aagactgctt taggaggaag tgatcaagct caaagcaacc taggcatgat 420
 gtgccttggt tgtttat 437

<210> 917
 <211> 396
 <212> DNA
 <213> Homo sapiens

<220>

<223> Genbank Accession No. AA417373

<400> 917
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cactagcaag attgtagcaa agtgtgttta tgcaaacagg tgggtgcagag acagaggggc 180
ggaccttggtg ggcagctgga ggaccatccc agctcatggg ccacgcacag atgggagcac 240
ctcagtgttt tcagccaaga gaacacaagt ctcggtatcc atgtggctcc ctcaaggccct 300
ggacccaggc aggcaggaca cccttgacca tggggcaggg gacatcccag catcttgtct 360
gtacccccac cacctgcgtg gcacctgggtc ctcaaga 396

<210> 918

<211> 365

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA417375

<400> 918
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aaagtttttc aggcaaattc aatgcacaaa tacaccatct tttagagtat aatgtcagtt 180
tatcattcgt taacagctgt gtttagacagt ggctctgctt tgtgcaaaac gtgataaaca 240
aaattaggaa aaattctgca aaattattta gttccccaag gaaattacta aaatagaaaa 300
tggcaaaaga aaaaaagggt gcacactgaa gcttgattgt atactcaggc tacaatgacc 360
agcac 365

<210> 919

<211> 586

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA417884

<400> 919
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aaagataaaa tattcagaag aaagtcaaag ttatctgcaa ttacatgtta gaacagattt 180
tgcagggttaa aaagatgttg cttaaatata ttcataagcc tgttgtaaga ttttactta 240
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acctcattcc tcccatagag cctggccaaa tcacaggcgg tgggtcccctt atgggtccga 480
tgccccacat tgctggccgt gtgcttcacc agggactcca ccaccgggag gtgggccttc 540
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<210> 920

<211> 427

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA418098

<400> 920
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ccttgctttc tgagtaaaca gagtaatgtt tttttcttta ttttcccaa gaaagaaaag 120
ggggaaaata tatttgtagt ttttagaccag ccaaattctg tcattatttt agtatcaacc 180
tgctgtatat tagagcaact gaatataata tggaataagt ttgaccaggt caagtttttag 240

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA419507

<400> 924

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gttatagact tgetgagttt ggcatagata gtgcactcat ttaatctgtg cctctcaaaa 180
cttcagaata ttagcatatt accacaaaata atttttgggt aaactattga gatattaaaa 240
tttttgaaat cactactgtt acctgttata gaaaatagtg ttggcttagt ctagtctctg 300
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aaaatacata cctatccaga cataaatgct aagtaacatt tttttcttcc tccaactaca 420
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<210> 925

<211> 468

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA419608

<400> 925

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cttaaaattt ttttaacaac tacctgtaag cactcaggac ttagaaagta ttttgactaa 180
tattttaaatt tttaaagttt ttaaaaaattt cttttattca tagaaattaa aagaaaacaa 240
atagcctctt atttttttaa ggagggtaat tctgaaacta atattttcta tcaactacgg 300
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acactttggc tttcgttctc tcaatgttta tctctgggga aaatgtgatt aagataatca 420
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<210> 926

<211> 484

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA419622

<400> 926

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tatctataag gcaaatataa caaatatttc ttctatagtg tgggcatcca actttagata 180
atctggaaaa aaatcactct agcccctgaa taccatgatg tgcagatgtg gcaaaatgaa 240
agtatcaccc aaaatatatt caaagctaaa aagaaaatat ttaaattcaa atactttaac 300
caaattggaa atgcaaacag tacacttaga gtcacctta gccagctgtt ctccaaacaa 360
aagatcgaga aacaaaacca agaacaatgt aaaaaagaaa aggtttatct agaaaaactg 420
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<210> 927

<211> 450

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA421049

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 ttttttttct tagagctaaa atgaacaccc agtcaccaac tacagccctg ccctgcccct 180
 cctcccactg gcctgctcat cttcccgcac tgcaaacctg gccgccttta gcctccctcc 240
 cttagcgtag tgtcccaagg tcacctagcc tgctttttgc ctgtaggata tgggtcccct 300
 tctcaaagcc cgccctgact tacttctca tttgcatagt ccttcagctc tatcctgtcg 360
 ccactccacc caccacagac aaccacctgt aagaaaccag gtttgaaatt caagagacca 420
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<210> 928

<211> 404

<212> DNA

<213> Homo sapiens

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<223> Genbank Accession No. AA421051

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 aatgcacttt tccagccaca agtatcttca aaaattaatg aaaaaaaatt atatatggcc 180
 atagttcaca gttacgcagc caaaagctgc tccaattaca gccttttaaac aacatgggag 240
 cttcctccct tctccctccc cttcaggaag tatattcaca gttccaaagt cctctggctg 300
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<210> 929

<211> 428

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA421052

<400> 929
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 gcgaggaggc aatggaccct gttgaggcag ggcagtgcca gcgtccatgt aagtccatct 180
 gtctgggtcc ctgagaccca agatgcagca gtgtgtggag cagggggccg ccctgcctga 240
 cccgggaggt cctgcaggga atgcggccca ggctggctcg gtgagcaggc caaaggctgt 300
 ggggtcagat ccggaagctt tcctcccggc catcgatgtg gcggacgcag gtagacgtcc 360
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<210> 930

<211> 499

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA421079

<400> 930
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 ggccataaca tgggtccagga tcatcattct tctgactcta gatgggacac ttgacagtga 240
 cttgaaacat ttgcatatcc aggaatgcat gagatttcaa gagagcctac agtatgaaat 300
 cattttcaca aaataagcag cttgcttctg aaatgctgtc tttcccagta gctactcacc 360
 tgcctctggg ggctgggatt cagatgccac aaaactgtca gtatctatag accaggctctg 420

tgccacctcc tctctcctct gtgctcagtg aggaggcagt aaatgaagtt acaggctagc 480
acaataccta attcatggt 499

<210> 931
<211> 490
<212> DNA
<213> Homo sapiens

<220>
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<400> 931
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gcttatgatc aacattttaa tatgatcttg ggagatgtgg aagaaactgt gactactata 180
gaaattgatg aagaaacata tgaagagata tataaatcaa cgaaacggaa tattccaatg 240
ctctttgtcc ggggagatgg cgttgtcctg gttgcccctc cactgagagt tggctgaaac 300
aaagaatttg tcctgtatgg aaaacgggag actttgtaca gtggcctctc taaaagtaca 360
aaacattcat aagagaaacc tgcatacatt ttgatattaa gaaataattc cggggattct 420
tccactcctg aaatgagttg atttgcagat aactcacaac ttcttaagct aaatggtatt 480
ttcatttttc 490

<210> 932
<211> 466
<212> DNA
<213> Homo sapiens

<220>
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gactaaaata tacaggctgt gacagaatta acagtttgaa agagggttgc ttttttcttt 180
tagaaatgct aaatttttctt aacaagacaa aaatacagtg ctctaaatat gcattaccat 240
gaaaacgtta aagaaaagca gtcttaacac ttaactacta ttaacagcct ttgccaacac 300
atgcctgcct actccctttc ctaactttta agaactgttt cctctaagga atactagtgc 360
agcataaccc ttaataaatt tcattttatt ttaaagttac aacctacaga gaaattaaca 420
tcttgtcaat ctaataacag tggcaaccat tcttcacatg cacttc 466

<210> 933
<211> 363
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA421561

<400> 933
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gtcctgcccc ccgccattta tcgccctgat tggattttgt ttttcatctg tccctgttgc 180
ttgggttgag ttgagggtgg agcctcctgg ggggcactgg ccactgagcc cccttgaggaga 240
agtgcagagg gagtggagaa ggccactgtc cggcctggct tctggggaca gtggctggct 300
cccagaagtc ctgagggcgg aggggggggt tgggcagggt ctctcaggt gtcaggagg 360
tgc 363

<210> 934
<211> 412
<212> DNA
<213> Homo sapiens

<220>

<223> Genbank Accession No. AA421562

<400> 934

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taaaacttgt ttttcttaaa aaatagttgt tgtaacatta aaccataacc taatcagtgt 180
gttcactatg cttccacact agccagtctt ctcacacttc ttctgggttc aagtctcaag 240
gcctgacaga cagaagggct tggagatttt ttttctttac aattcagtct tcagcaactt 300
gagagctttc ttcattgtgt caagcaacag agctgtatct gcagggttcgt aagcatagag 360
acgatttgaa tatcttccag tgatatcggc tctaactgtc agagatgggt ca 412
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<210> 935

<211> 312

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA421638

<400> 935

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catacgtaaa catttacaca aatagtacag cgggtaacca ccaagttctc attccacatt 180
cctttccac actgcgttta cctgcccatt cttgaaactg gatctcaggg cagcacattg 240
catttcaaca ggcctagtgc tgcttctcag aggcagtcaa ctcaatgggtg caaaagcaca 300
ggacagcgac aa 312
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<210> 936

<211> 467

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA421951

<400> 936

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ccgggatgct gagcgcttca ttctgtctcc aggactcagg caggtaggtc ccagctccgc 180
cgcgcccccg gacctacagg tcagcgtggg ccgaagtctc ctctgggggc ttcgcgggag 240
cccacacgta ctcggggggc acctgcgcgt cgggacgcgc cttgacgtag caagccgagc 300
tcttgacta gcgcattgat ctcttcgcgg gtcatttcac tgagtgggat gcgctctagt 360
tcctcgtagc ggcggcccag cagcacgagc tcagggtcgg ccccgaggag gtgtttcatc 420
accaggttgt gatagaatgg aatgtcctgc gtgacgaaag ctttcac 467
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<210> 937

<211> 668

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA422049

<400> 937

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ggcccaggat tgcaaaaataa aaagatccac gtctcttatt ctctacacaa aacgcgtttt 180
taaaaaagtg aaaggcttag ggagctatac atagaaagca acagtgaata cggagaggga 240
gcaggagtag gggaggagag tcccactccc caaccccacc ctccagggcc ccagagcccc 300
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tgaggctctt tggggggcct tgacatggca ggaggcagct gtcagctctg agctcttccc 360
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gagtcattgt tgggttggtt ggaggagtgc ctacgcgaag gcagcccagt ttcgcgagggc 600
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<210> 938

<211> 366

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA422086

<400> 938

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gcactctagc aggattgatg gtctctggat ttgtagctgt gaccgggtcat ggtggaatgc 180
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<210> 939

<211> 245

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA422150

<400> 939

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gtctagtggg gactctgacg ccgaacaggg gctgtagatc agtgagtgtg tatgtgtgtg 180
tggagggggc gcagggggccg ctttccacgt ggttacataa gcacgtgttg gggttggggc 240
ggtgt

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<210> 940

<211> 357

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA423820

<400> 940

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ggggagatca ggtggttcc cctcatcaga gtcaaactca acattttcat cttttaccca 120
tcgacctcgt ccatctggga tccatccaga gcttcgaagg gtgagataat ggtccagggc 180
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tgggcagccg caggttcagg ttccctactg atcttccac tttggagttt gacctctgag 300
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<210> 941

<211> 304

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA423827

<400> 941

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cctgggctag ggaggcccag gaccctcgga gtgggcaggc ccacccttc catgggtcac 240
cagggtctca gtgcccactt gtctccaac caacagtgc acggcacctt ccacacggcc 300
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<210> 942

<211> 214

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA423841

<400> 942

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agggggcaca ggaggggctt ggtggccac agaagcctgt gtaccagga ggaggcggg 180
agtgcctggg tccccctagc ccaggcccgc aatg 214
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<210> 943

<211> 452

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA424029

<400> 943

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tgtgttttgt ctactccca cccacagagc tcctgtatcc aggcacaaac tccaactccc 180
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aggtggaggc tgcagtgagc agtcatcact gtactccagc ctggtgacag agcgagaccc 420
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<210> 944

<211> 484

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA424307

<400> 944

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aggagacttg taaatagcgt aaagtgggtg cttatgctaa acgggtggaat gtataggcag 180
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tttcttaaaa tagtttaatg ttttatagtc tcatagtagt agtggtgcgt tctaagctat 420
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<210> 945
 <211> 310
 <212> DNA
 <213> Homo sapiens

<220>
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<210> 946
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 <212> DNA
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<220>
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 gagaccaaac ggagggttaac ataagtggac accctcctgt cccctggccc ctttcctttc 180
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<210> 947
 <211> 423
 <212> DNA
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<220>
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<400> 947
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<210> 948
 <211> 411
 <212> DNA
 <213> Homo sapiens

<220>
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 caaacaattg ttttctaatt cgcttaagac ataacactct atcaaaaaat attttaaaca 180

caccaataaaa tattagcat gtatgtocat taaaaacat taaagagtcc tgtggcaatc 240
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<210> 949
 <211> 252
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA424881

<400> 949
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<210> 950
 <211> 512
 <212> DNA
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<220>
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<400> 950
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 ataacgtttt ggaaagtaat gccattgtta actggtagt aacaacccaa gttttccaag 180
 caaagaaact gtaaagatgg ttacaaaatt ctttgaaaag aatacaccat ttccatttaa 240
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<210> 951
 <211> 537
 <212> DNA
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<220>
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 aagtcacaca gccagttagt gttggaagct ggattcaaac ccagacgtca gattccagag 180
 tccattctct tcaaggggtg gccactgac cttggggaac tgggggtcct cgctgggggc 240
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 gggactcccc acccggtgca tggaggcagc agccatctgc tcgaagtggc tagcgcagtc 360
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 ggctgcttcc tgtgagtggc ctacattttg ccgagctgcc tgcacagtca agaagtggaa 480
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<210> 952
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 <212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA425294

<400> 952

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cacactgaaa aaatactaac acagctcata tataaattac ttatctataa gaacaattat 120
agaaggaatc taaatggggc aattttaaca aaccaggcaa aatatcacat atacctgaat 180
ataaggtaac tccaagccat gagtataaga ttaaggcagt tactttattt tgaacaagga 240
agtggcataa gcaactcagt gtgtgccccct taggggggga gctcttcccc ctaccactcc 300
ccacccaag gcatactttt ggagaaaaaa gtgtc 335
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<210> 953

<211> 469

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA425309

<400> 953

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gcaaattagg attactggaa agagtatttt taattaaaat tttaagagac atagaggcaa 120
aatgtgtctg cccatgcaca ctatggatct gtcaatacaa gaaatttggt gaacaaggct 180
aatgtctgaa agcaccatgc aagttttcag caccctgatt acatttggtt tctcaagagt 240
gcggttttat atcctacacc ctggcgttcc cagtttgtaa actgtaagct ttacccttgt 300
gacatggatt tgccctgcctc tttgtctcta taatgcagat tttatagaac cttttgtaca 360
ccctatgggt tcttgatgca accagtaatt ttaaataaat aaattctacc tccaaggagg 420
ctgcagctaa accaacataa gtgctgtgtt ttcattaatt ttatttttc 469
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<210> 954

<211> 424

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA425401

<400> 954

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gtacacagtg attccttatg cagcgcgaaa gggtttccgt aaaaatgaca ttatatacaa 120
atctgtacac ccatccacca gagcgattct ccagctccca gagggagtta tcaacttaaa 180
gcaggatacc tgaggtttca tgtctttagt tgccttatca taatcccaaa tatacatttc 240
agggtttggt tttgttttta aagacacttt cctggaatat gtgcactatg gttaaaatta 300
aaaacaaaag taataaaaata aaataaaatg atcgctggaa ggagctgacc ctccccaccc 360
atctgagaga cttcatctgg ctgcagcaca gtgaagactg tgtgtgtccc tggacgggag 420
cctg 424
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<210> 955

<211> 316

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA425544

<400> 955

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gaaccttcaa gtggctttta ttggtagagc ctagaaaaag tgtcatagcc atttctgagc 60
aaaaatctgt atcccagtaa ggtattcagt gttatgttta acacactact gaaccagaaa 120
gtttaagttc ctgacacaga cgcaaccagg tctaagag gctccaaaat caacaagtta 180
```

```

agccctgctg ctctgttaag atctgaaagg caagacacag tgctggatgt gtgcccttgt 240
tacgggggtga ctaaaaaggc aggcaacagt atcaaggatt ttttttttag gtggactcct 300
gtgcactccc acattg 316

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<210> 956
<211> 412
<212> DNA
<213> Homo sapiens

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<220>
<223> Genbank Accession No. AA425782

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<400> 956
ttttttttct ataaaaatat aactctttat taaataacat gcacaaatat caactagtca 60
ttaaacagat atttagaaca aattgtaaag aaatacaaat ccttaggtac aatttagtat 120
cttgttcatg atatttgaag agtttaaaaa gaatcactga ttaaactaac catccttttt 180
ctttctgaat ccaaaaacctt ttcaggcata tactccattc caaatttttt tctagcattt 240
cagagcttca gaatatcttt aataccaaaa gcccttaact acttatttga ttatacattt 300
ccaatgagaa ggcatttaact tttcttttaa gctatcatta gctttgagtc tctttataaa 360
agaaatttgt agaagcataa tcatggcaga gaggctccag ctttttgagg ta 412

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<210> 957
<211> 368
<212> DNA
<213> Homo sapiens

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<220>
<223> Genbank Accession No. AA425836

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<400> 957
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ccacccttaa ttatctccac aaagagctat ataaattggg caggggtatg tgtacagtca 120
tctcagctct aacaacccca gttcttcttt caattctcct ttctcccttc atacaattga 180
gatgtttgtc ctttgcactt tccccaagat agcaaagggt atacaaatgt ggaaggaggg 240
gaagtgtaga aaataaaactg tcatcatcct ctattcccat ctccaggga cagacagatt 300
atatgaactc tgaccaaatg atttgcttgt ctgaagaaac aaataatagg tacagttact 360
ctctgtat 368

```

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<210> 958
<211> 403
<212> DNA
<213> Homo sapiens

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<220>
<223> Genbank Accession No. AA425852

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<400> 958
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tgtaaggagg cagcatggct tgagtaccac cttacttgat gagttaagga gttcacatcc 120
atctagagac acttgtctga gagactgtat tagaagacta cgggatggtt taggggaggg 180
aagagtgccta agaaaagcag tggcatcttg tccaacctca tcttctctct cctcatttgc 240
aatcatatc tcaggagtaa gccaaaaact ggtgggaggg ttgcagcagg aaaaaattag 300
cagtaaagca ggagagggtt aattcttaga aaggtagaca atcccaccat ccttcccacc 360
tctggtgcct actgcaagta aagagtctgg tcttctcccg aca 403

```

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<210> 959
<211> 416
<212> DNA
<213> Homo sapiens

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```

<220>

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<223> Genbank Accession No. AA426156

<400> 959

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taacattcta caagtattta tttcattgct gaccattagg ttgcagcatg aactctcaac 60
attgagctgc cctctccac tcctatagaa gctccaaata ctatggtacc actatgtagg 120
ttttcagcct ttcaaaggct tttattatta acatcatcat tacttcagca ggagcctttt 180
agggacttaa aagcactgat tatctataaa aagtaacttc atatttcattg cacaaaattc 240
ccaattggca gatttaggtc cataaaagaa aggaaaaaaa ttattctagt tatataaatt 300
atcaggaata aaatagcatt tctccttgcc ttgttataag gaaataatat atttttcctt 360
accaggaatc aggatagtat ctttgatgat ccctcagggt tataaaattg cttact 416
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<210> 960

<211> 499

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA426168

<400> 960

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ggatgtccac cactgggttt gtgccttgct ggcgctcttc tactagtcag atatogettc 60
gaaacttgcc atcatccatc caatcccagc tgtcgatggg gaaccaaattg gaacctcag 120
gtcagagcgg cctggcctgt gtgcagcacg gcctgccttc ctccagcagc tccagccaaa 180
gcatcccagc ctgcaaacat cacactctcg tgggctttct tgcgacagag ggaggtcaga 240
gcagtgcact gatgcacagc caggcaacac cttaagtcct gccacaatt cacactccag 300
aaaggcagaa gtgatttaca gagtccaaat tgtggatccc agtcaaattc tggaagggat 360
caacctgtct aaaaggaaag agctacagtg gcctgatgaa ggaatccggt taaaagctgg 420
gagaaatagc tggaagact ggagtccgca gggaggcat ggaaggcatg tgattcacccg 480
atgggtccct gaggagaga 499
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<210> 961

<211> 330

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA426291

<400> 961

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gatatttcca tttattttac tttgagtaat aaaaattttt ctatctcata catgatcgaa 60
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tcaagtgacc aagctgctga atcataaggc ctcaacaaat gttgcatctt attatttcac 180
tgaacaataa gaccttctat tgtgattatt cctggtaaag agcaattttg tttctccagc 240
ggtttccatt tgccaaacag tcatgacaga tgggtgaaca tgggtggctac tgctttcagg 300
ggattctatc agatgagtc ccatttccaa 330
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<210> 962

<211> 395

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA426304

<400> 962

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gctgcccttg tccttgggg gtcacacca tccctgggtg ggctcctggg cggcctgcc 180
gatgggccac agaagggcag gccggagctg cacactctcc ccacgaagg atctctgtgt 240
cttactctgt gcaaagacgc ggcaaaaccc agtgccctgg tttttccca cccgagatga 300
aggatacgt gtattttttg cctaattgtc ctgcctctag gttcataatg aattaaagg 360
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tcatgaacgc tgcaaaaaaa aaaaaaaaaa aagat

395

<210> 963
<211> 421
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA426330

<400> 963
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aattatgtga cattaagaaa taatttggtt gcatattatt ttcaaaaagc agtaagaaag 120
tagctattga gaaagaagga gggccatagg tttttcaata aaacgtaga aacattataa 180
aaaacgagac tcccattaca tggaaacaca tgatcaaaga tcagactaac acacattcaa 240
acaggcttgg ttcgaaatag agttctccat ttctttcaga tgagcctttt ttcttaggct 300
ctttcagaag cacttcacaa tgaacagagg tcttgccagc tcatttcatt agcggagaag 360
caaaggtatg atggcagaat catgagaaga tggaaataag gcctgaggat atggcttgat 420
c 421

<210> 964
<211> 486
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA426374

<400> 964
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ggtgggtggc agtggagtgg agaaccacc acaccctccc ctcaagtattc ttcaccttct 120
tcagcctcgg cttccacgga atccacgccc acctcttcat aatccttctc cagagctgcc 180
aggctctcgc gggcctcaga gaactcccc tcttccatgc cttctccac gtaccagtgc 240
acaaaggccc gcttggcata catgagatcg aacttatggt ccaggcgagc ccaggcctcc 300
gcgatggccg tgggtgttgc cagcatgcac acagcccgct gcaccttggc cagggtctccc 360
ccagggacca ccgtgggggg cctggtagtt aatgccacc ttaaattccag ttgggcacaa 420
tctacaaact ggatgggtgc ctggtcttga tgggtggcgat ggcgcggtga catctttcgg 480
gaccac 486

<210> 965
<211> 257
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA426447

<400> 965
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gatcaccoga gagtcaggga cgtggcgggc aggggcccctg gaaatctcca gataccaaag 120
ctggaagggc gtggagtctt ctccagttct cctagtttac agatgttgtg acctaggctt 180
acaatgggcc tggggtctga aagcgggacg tgggctgcgg ggggtcaaaga gccggtttgg 240
tggaggtcag cgccaca 257

<210> 966
<211> 280
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA426468

<400> 966
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 ccaacagata caaacgatgt aaccaattcg cttattagct tatctgatta aataaaatac 120
 atttcataga aatgattatc aaatgcattg cagatagaaa cagaatatcc tttgtactta 180
 cagatcttat gataccctaa acaattatta ataaaaacca gcccaacccat atggtaaata 240
 gttagcaaac caccagttat tttatttttag tcagcaaagg 280

<210> 967
 <211> 295
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA426521

<400> 967
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 gctggctgag gagggacaag gtgagggggc ccccatggtg ctcagacaac cagagcctcc 180
 ctggcagggc aggagtgtgg gtgccacaga gacaagcccc ttgcagagct gacctggagc 240
 ccaccatccc catagcctgt gtgagcatga agcgaggacc cccgggtggg ctgtg 295

<210> 968
 <211> 362
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA426609

<400> 968
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 ttagatactt ggaagcacat acaccaaaat taagagggcc agcaactgtc ccaccgagga 180
 aaagcactct gactcatcat aaacacacga cttctgggaa acttgagctg acatttcaca 240
 ggacagtaaa ccaaagagac aggttgtcat tgggttatag aactgatctg agcttgagag 300
 ggatcacagt gaaatgccat tgtaactcaa caatttcccc agagatctgt tcatttcaaa 360
 aa 362

<210> 969
 <211> 404
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA426640

<400> 969
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 gctaattggtt tctgacatgt acatagcata taacacagca gtacaatgcg gcatatactg 120
 gggggcagtg tgtggagggg gcgttcttaa gggatatgt acagaggaaa gggcgcatgg 180
 tcattcttagc tttcgaaaga ggactgcact gtttaacatt gaagaattac atgggggaatc 240
 acaaatatat tgcttttagta ctgcatgttc tgttgtgggt agggaaagaa acatgctttg 300
 aagggttttcc cttgtcaaca gaatgtgtgt ctgtagctgt gtattgcgca tgtattcata 360
 tattttttaag ttttctccta aggtttttgc tgacagtgtt ggga 404

<210> 970
 <211> 418
 <212> DNA
 <213> Homo sapiens

<220>

<223> Genbank Accession No. AA426643

<400> 970

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gcaagaacag gaaagtaaac acctgtgtca tgttcaacaa gactgaacta cggagcaaag 180
aatcacacag tgttgcaaga tcttgaactg actagatgat aggattacaa aaaccacaca 240
gctattgctg gaaaattatg tcatgcagag aacagactgg cacgattaca tatgtggggt 300
tgtcctacac aaatcagacc tttaagttaa acaagtctat ccaaccatct tcccataaaa 360
cctagtttct atggaaaaca atcaattaag ctagaccccc acattttaga tgtatatt 418
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<210> 971

<211> 409

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA427442

<400> 971

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tgaaaaatcc cccaaattca cgctgaggtt tcaggtcatg gttgctgagg tggaagatga 180
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cccctcaact tcttcagaga tgtggagata ggaggcttcg atctctaatt gcctacgatc 360
tcttaaaaaat ataaaacacg tgcagttgac tttggtacaa aaaagaaaa 409
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<210> 972

<211> 408

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA427460

<400> 972

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agttacactg ctaaataatt atttaaaaac tgaccaggac gaaggtctgc tctggtagct 120
ccaaaccaga agcaaaaagg aatcggggcg gtgggctggg ggggtactct ccaacatcac 180
caaaacccag aaaacgagga tcctaagctc ctccgcaggc caaatccagg gcttgggcca 240
ctgggctaac ccgcagggtg ctctgactgc atcacactca gagtaagata accagcaagg 300
ggctggaggg aacggccagc cgagtcaga catggacaga tgtaactgga aggaggacag 360
gaaacagaca ggtactgtcc agctgtaggt aagagagtgc agctaaga 408
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<210> 973

<211> 313

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA427468

<400> 973

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ccagcagagg cggctcagggt tgcccagctc tgtggcctca ggactctctg cctcaccgcg 60
ttcagcccag ggcccctgga gactgatccc ctctgagtc tctgcccctt ccaaggacac 120
taatgagcct gggagggtgg caggaggagg gggacagctt cacccttgga agtcctgggg 180
ttttctctt ccttctttgt ggtttctgtt ttgtaattta agaagagcta ttcactcgt 240
taattattat tattttctac aataaatggg acctgtgtac aggaaaaagc gaaaaaaaaa 300
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aaaaaaaaaa acc

313

<210> 974
<211> 203
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA427537

<400> 974
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cgaggaggac gcctaccagg aggacctggg attcagcctg ggccacctgg gcaagtcggg 120
cagtgggcgt gtgcggcaga cacaggtaaa cgaggccacc aaggccagga tctccaagac 180
gctgcaggta tgggccagac cca 203

<210> 975
<211> 424
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA427579

<400> 975
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aaaccagct gcccaagcc tactgcaaaa tctgtatgta cagtatagtc tatgtgggtg 120
gggtacaggg ctgcctgcct gcacctcaa ggccttactc ataccagctt cctgaggagg 180
ggcggcccc tctcttgcc cctgttgaag cttggcacag gctggggagg ctggcactgc 240
caacgccatc cctccatgtt gggcaagcct gttccaaggg gctggactca cctcccccat 300
tgtggcctgg ctgcaaggga ttgggggtga gcttgttgag ggacaaggcg gtggcagctg 360
tgggggtgtgt .ctcatctgag tcccccttcc acccctaccg gctcttcctg cgggcctgcc 420
atgg 424

<210> 976
<211> 439
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA427636

<400> 976
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cccacacagt gcctgtctga gtctttctgt gcccaaatgt ggagcaggct gcagagactt 120
gaagcctggg gttttgtgcc tcttttttgt tttgtttttt tttgagacag agtcttgctc 180
tgttgccctag gctggagtggt agtgggtgtga tctcggtca ttgcaacctc tgcctccagg 240
gttcaagtga ttctcctgcc tcagcctcca gagtagctgg gattacaggt gtgcaccacc 300
acgccaggct aatttttgta tttttagtag agacagggtt tcacatgtt ggccaggctg 360
gtctccaact cctggcctca agtcacctc ccgccttagc ctccaagtg ctggaattac 420
aggcatgagc accacgccc 439

<210> 977
<211> 370
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA427734

<400> 977

<220>

<223> Genbank Accession No. AA427825

<400> 981

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atatccagac ggttcttccc tagaagaaaa acaagtcttt acacctgata aaatattttg 180
cgaagagagg tgttcttttt ccttactggg gctgaaagga aggatggata acgaggagaa 240
aataaaaactg tgaggctcaa ggctgggtgt ctccacttat ttcagcgaca agctggggcc 300
aggcctcagg ggcacgcctg gggg                                     324
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<210> 982

<211> 446

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA427925

<400> 982

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tgcatatata cttttttttt tttaatacaa tctatataacc cttcccttcc ccaccaaact 120
cacaaaagga gattaaaccc ttccaggatt gccatcaagc ttcccagat ggccagggca 180
agaaagaatc atctctcaac atgttaagaa acggctgcca ttcttaggct ctgggggtga 240
agcagcagca ttcccaggac ccaagggcca gagagaggaa aagaaatgac tgtagtgtga 300
caggattcta ggatgaacat gtccagtgc tctggcatg gcagactggc tcccagaatt 360
ctcaggggtg gagtaaaggt gggggcccta tggctcttca gaggtgctc aatagggtcag 420
gggtagggtg taggaactgg ggatca                                     446
```

<210> 983

<211> 379

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA427946

<400> 983

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tttcagtttt tggtcatttt aattgtaaaa accaagacat ttatataaat aagaccgctg 60
tgtaaaatac gattcaccct tctactaaaa cccttttccc aactcgaag agaacaataga 120
aaaccagca gagagcagta caaatcagca tgcggtccct gatgcgaagt cgcgggcagg 180
ccagggttcc ctgcggaaga gcctcgtggg gagagcactc ctgcccagg gtcccaccag 240
aggctcgggtg acccctcgag aaactgccag gtacgagctc ccacacacca gcccctggct 300
ctcaactgta cgggtcgagg aggggacggg aaaggctgct tgggtccccc caaggctggg 360
ggctgggggg gctgctggg                                     379
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<210> 984

<211> 452

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA428006

<400> 984

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gtactccagg cgagagcggg ccgagtgtcg tggcaggaaa agtgactagc tccccttcgt 120
tgtcagccag ggacgagaa acagccacgc tcccaccggg tgccaacgat cctcggcggc 180
gatgtcggcc cgggtgcccga ggctcgcggg cacctaccac cggctcctcg ataaagtgga 240
gctgatgctg cccgagaaat tgaggccgtt gtacaacat ccagcaggtc ccagaaacag 300
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ttttttctgg gctccaatta tgaaatgggg gttgggtgtgt gctggattgg ctgatatggc 360
cagacctgca gaaaaactta gcacagctca atctgctgtt ttgatggcta cagggtttat 420
ttgggtcaaga tactcacttg taattattcc aa 452

<210> 985
<211> 535
<212> DNA
<213> Homo sapiens

<220>
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attcgcttca tctcaaaact cctccaaacc cgggctgcaa cttgggcctc cttctggctt 480
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<212> DNA
<213> Homo sapiens

<220>
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gccctgcatt gtacagcccc ccactccctt caccacctaa taaaggaata gttaacactc 180
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<212> DNA
<213> Homo sapiens

<220>
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cttgtcatat tgtatatata actgtacata aacttctgca tttcaaagca cttgtcattt 180
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gcactctttt ggaagttatc tcttctttgt gcttatagtt gatctgcaaa catttcaagt 300
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agtgcagaca taagcagctc cattttataa acaaaa 396

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<211> 159
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA428325

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<210> 989
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 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA428567

<400> 989
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 aaacagaagc cggataactg gctctgaccc ccacccccaa catttaagag atgcaaagga 240
 cacctgaatt aggttaaaaa aatcaagttg atatggatat ttcaacagtg ttctgtgctg 300
 caaaactgaa aataaaaacca tttaatacac agcccattaa tatctgagtt acgcttttag 360
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 <212> DNA
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<220>
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 cttttgtaga ttatttttcc atgaaggcaa tttgacaagc ctaacaaaga ccaagttgtt 240
 caaactatgt ttctaggaat atagtttaac agaaacaaga acaagttgaa aactgttatg 300
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 <212> DNA
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<220>
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 aggagcactg atggtgtcag tcccagttca agggcaggag aagatgggtg tcccagcgcc 180
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 gatcaagccc atccacactg gggac 265

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<220>

<223> Genbank Accession No. AA428900

<400> 992

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tgagtgcagc acttctagac acacacacag acacacatca cttactcata aacggcacag 180
cctacgggtac aagaaaaagg gcaaggtagg taagggcacc caacaccctc ctgcctgcag 240
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ggctgccctt ggagaaggcc tgcggataat agtgactgag gcacagggtc atgcagggga 360
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ctttgatect ggcttagtca cagcaaacat ttac 454
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<210> 993

<211> 396

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA428964

<400> 993

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gagggcactt ggcttgccca aagtcacaca gcaggagtg gcagaggaag tcaggttgagg 240
tgacccagtg aactgctctc agaggctggg tgatgaccgg cttcctggct tctctggaat 300
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gggggaatga ggtgagaggg gagatgttta gaggtg 396
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<210> 994

<211> 305

<212> DNA

<213> Homo sapiens

<220>

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<400> 994

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aggggtgggg tgatcaaggg cagagagctc aatcttgggg gaagaggaag agaggacaga 180
gaggccaaac aggtctcttc cctcctcttc acccatgcc aagcattaaa taaacaaaaa 240
gcaactcttt acagcacaaa ctacacaggg aagtccttcc tcccagccct gggcgcacag 300
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<210> 995

<211> 295

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA429038

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aaagcctatt tttttatttc ttgacagaat aaattacttt tcttcaaaaa attagtcaag 180
tgcaattttg cccaatatat aatgcatact agaattaaag cctatgaaac taagtagtaa 240
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<210> 996
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<220>
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 ggccgggtggt cagtctgcac agtaccctt gggaagccgg agttccggaa gcaaagcgct 240
 tggagcccg cctgcacgcc gagtccccag actctgacag gtccccacag ccagctgaga 300
 aaggtctgtt ttcaaagcat gcgggcagcg gtttctaaag gaatcccagc agtccccacg 360
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<210> 997
 <211> 435
 <212> DNA
 <213> Homo sapiens

<220>
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<400> 997
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 gtggggccagc ccaggggagg tggggcagct gagaaaggca agcagggtaca cagggcagga 180
 ggggacgatg gaaccactgg agtcattctg catgtgctgg gaaggtgcag aaagaacctg 240
 gacccacagt tctctgtggg tgggtgcaaa aagctcagca tgggtcccgag cccaagagt 300
 cccctgcccg gactccccct gtccagctca gtgcagcatc aaccaggcag tgatggctgc 360
 ctgctgccat taagtctccc aacaaaatct caggttgagg ggcggcaagg agagccacat 420
 gcctgccacc cagc 435

<210> 998
 <211> 435
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<220>
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<400> 998
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 agacagtatg tggaagggaag gtgagatttc cctcctactg cggcaaggca agcggcagtt 180
 actgcccagc agtaacgatg gtgtgcgcac ccccgatgag aatgctgctg caacacagac 240
 tgggacgccg cctcccccat tagacctgcc agctcattcg tgaaaatcta ccaggaacac 300
 atcaatgaaa aaaatatgtc aaatatgagt tctctgttat aagcaataaa atcacaaat 360
 caactcagat ttgaaattta gggtaagcta ggacaatttc ctacttttta atatatagat 420
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<210> 999
 <211> 366
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<220>
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gaaaaattac acctggcagc tgcgtttaag ccttccccca tctgtactg cagagttgag 180
ctggcagggg aggggctgag aggggtggggg ctggaacccc tccccgggag gagtgccatc 240
tgggtcttcc atctagaact gtttacatga agataagata ctcactgttc atgaatacac 300
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taaaac 366

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<212> DNA
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ctggcagggg agcaaagtag accaggcttg gagctacagg gatttaaaaa aattggatgt 180
ctttctgagg gtctgagaag aatagggcag aagaggaaag ggtcacttta ggggtctggc 240
ttaaccact gcctagatct ccaactgaag agctccttcc ccatcctcag gggaagagtg 300
cctgttttca aacggcatcc ctactacaca tatacccccc ttccctaaaa tcttgatgtg 360
gcaaacacac ccaagaacct acagg 385

<210> 1001
<211> 257
<212> DNA
<213> Homo sapiens

<220>
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atgattcgct attcatcaca ccccgaagat tgagatccac tgtatttaca caaagcaaag 180
ccatgtcagc aagggactgt caacctgatt ctgagaacat aaacattcaa aatttatttt 240
ccagtgttcc ttttttg 257

<210> 1002
<211> 408
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA429651

<400> 1002
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ctctaagaac tgggctctat gagatcctga cagctaaaac acaggtagag aggagcctgc 180
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gcagttcatt tgttgaacag gcatcacaga aggttccgct gcagttctta cacacattct 360
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<210> 1003
<211> 356

<212> DNA
<213> Homo sapiens

<220>
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tcgggacgtg tgtggccttg cccgtacgag cggcgcgcca tggagttact gaaggtctcc 180
aaggacaaaac gggccctcaa atttatcaag aaaaggggtg ggacgcacat ccgcgccaag 240
aggaagcggg aggagctgag caacgtactg gccgccatga ggaaagctgc tgccaagaaa 300
gactgagccc ctcccctgcc ctctccctga aataaagaac agcttgacag aaaaaa 356

<210> 1004
<211> 281
<212> DNA
<213> Homo sapiens

<220>
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aaatagaact tggaattaaa gcagcagcaa ggcgaggtga gaatgcgatt tctaggccat 180
cttggtggga ctgatgaaca gcatctctga tctcatgatt taacatctgg ttatccagaa 240
gggatgggat tggcctaaaa aaaccgatca atttctggat t 281

<210> 1005
<211> 212
<212> DNA
<213> Homo sapiens

<220>
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aaaaatcaaa gcgtctgcag ttgaggggaat gagctattgc attttggagg aaaattacta 180
tggggaagagt tgggtactcat gaaatattct gg 212

<210> 1006
<211> 481
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA430011

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tggtggaccc tactattcat gttttgagac ataaatgttc actttaaagc aattgcataa 180
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aatttttcta aacaagaacc atttgcaata tggattttct agagattaaa ccaattataa 420
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<210> 1007
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 <212> DNA
 <213> Homo sapiens

<220>
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 ctaattagca aactgtgtac aattttgaag aagtgtacac accgtgctgg aagacagaca 240
 ctgaacaggt caaaatgcaa actcatgtat ctttcatcaa cctaaatctt gttgcttcac 300
 ttttctaaat gatactttgg ctgtcagcga atcttatagc ttcttttccc ttaaagacaa 360
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<210> 1008
 <211> 418
 <212> DNA
 <213> Homo sapiens

<220>
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 tategtctcc tggtagcacc atatcctgat gcagttctgg ttttcgtgtc tgagtttgaa 360
 cataccgaat agctgcccga gcctccatga aggggtgagt aagccctatt ccacgtgc 418

<210> 1009
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 <212> DNA
 <213> Homo sapiens

<220>
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<210> 1010
 <211> 430
 <212> DNA
 <213> Homo sapiens

<220>
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 aatgtagaaa aaattccaac aatttttttc ctctcctaaa cattaacctt cagtctaggg 180
 cacaattatt tattgattta aatgtctgtt tttgcataaa acatggaaga tgcaaaacat 240
 ttactgtatt aggattgtga agttacagcc actcccaccc ctgctctaaa acaaaacaaa 300
 accagaaaaa aaccagcaaa cattaacaaa atgatagagt cagttggcta ggaaaaatac 360
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<210> 1011
 <211> 424
 <212> DNA
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<220>
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 acaatccttc actagaagga gagtactttt ttcacacagt caggggatga ggatctgatc 180
 cgaattacat tttgtcgagt cactcattcc cacagatttg agtttgaatg cagcttggtg 240
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 aatggtaccg gtgcttaaa gacctcagtag gcactcaata attttataga atagttaa 360
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<210> 1012
 <211> 490
 <212> DNA
 <213> Homo sapiens

<220>
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 tgcaacaaat gtcttttccc cactctcagc atttcatttt cttctggctg gaactcttca 180
 ctgacatcaa tattttcatg gtttctccat taatcattcc attaaactct cttcttcttg 240
 gacgagtcac tctaaatagc aacgagtaag acttcacat gtggctgcta ctagggtcaa 300
 attcattact ggaaactgca agggacggga aatttccagg tttgtttga ttgaggtcag 360
 gattcaaagg cacctgcttt ttacctgttg gaacttgctt tattggacaa catacatcct 420
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<210> 1013
 <211> 318
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA430108

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 tattaacaa caacattgag atggattaag ttacttagtc ttttctcatt caaaacaaac 180
 taaaacctca cagcaagagt aatatttttca caaacatctc caatgtttac ctccctcttg 240

ctcggctttc cactgcaggt aagtgtttca gccacagaca agtgcaacaa aaccggttac 300
tatacacaaa gccacgca 318

<210> 1014
<211> 438
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA430154

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agaggaggaa aacataagct acgatagaaa ggcacttaga acctgttaaa atactgacgt 180
cctggaatgt gcaacaacac accaatgaca accacaaaaa gtacaccggc cctgccgagc 240
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tctgctcaag tcgcaaacc atgaccccg caggacttaa ggcctggggc ctcacagggg 360
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ctcatagccc cttcgagg 438

<210> 1015
<211> 436
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA430474

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ggcagagttc agcccacatc tccgtctcgg gcaatctcgg cactgttctgt gtctccacaa 180
agaagattcc tgtagactcg tgggcctcgg gtccccact caggtagtgc ttcctcacct 240
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catttcgggc gatgcagaca gcaggggctg gctcaggggtg agcagcggca ggttcacctc 360
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gtcctgggtgc tggggg 436

<210> 1016
<211> 328
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA430666

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caccacggac acacagcaga gggcttctct tcatatcaag ggtatgggta aacaagaaag 180
gctgctgttt cactgagaca ggacgaacca ccaagtccaa atgagaagac aagcagagac 240
gtagtgtcag accaggaggg ttagaacttg ctagtgtaga gggcaataat ccacttgggc 300
acacggagga aggagggcag gtaggagg 328

<210> 1017
<211> 314
<212> DNA
<213> Homo sapiens

<220>

<223> Genbank Accession No. AA430673

<400> 1017

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gtgggggggtg gggaggaggg caccaaggct ttctcaagat ttacctgatg tgaacgaatc 180
actggcgtga agttgtgggg aaaagaaaaa ggcaggatca gaaaacaact gaaaataatt 240
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<210> 1018

<211> 290

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA430674

<400> 1018

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aggatctcct atggagtgtg taggtgtcca cgagtgtacc ggtgtgcggg cctcctgggc 180
tgcaggcact caggcatggt ggcagcattg agggaaagac aggtgttggg gagcgggggc 240
ccacctgccc aggctcagga gtcacagggg tctgcacagt cctttctgct 290
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<210> 1019

<211> 392

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA430675

<400> 1019

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ttgtttcctc caaaacgaga atggtagtaa ctagggcaaa ttccacaggc ctaccaccaa 180
tctcaccagt ccaggaatta tataggaatg gtcacattcc taatgatggt gaagcagaaa 240
gccctcccca cagagagaca gccactggg gaccagctc aagctcttca aaacgtggca 300
gctacaggtc acaagacttt ggcagagatg tccgaaattc ttcaaggaag gcgtcacgat 360
cagagggacg gatccagctc aaatagcttt ct 392
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<210> 1020

<211> 351

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA431337

<400> 1020

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aatttcattgt atttttcacg tgtcactaaa cattcttttt cctttttcaa ccatttaaag 120
atgtaaaaaac cattcttagc ttgtcgggtg tgggttgatg cccttggttt atgctgccaa 180
cccaagagct acgcctaatt catatccttc agcactaagt catacagctt tatttttttt 240
gactaaaagg cccctgaaaa tgaaaacttt acacatgcaa gcagagagga gtccgagact 300
ttctgacggg gcaggagggg cagaaactgc tccctaaggc cagggacagc c 351
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<210> 1021

<211> 351

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA431429

<400> 1021

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ctcaaacaaa ttaaaacaca gacagaaaaa taaagactta cgtcatttgt gttaacatgc 120
caagccatat caccataaga taccagttgt ccattaacat aacactgaat ttcactgttt 180
ctccatcgat tgtaaatgtg gacaatgctg atcatgtacc acttaaataa aaaaattaaa 240
tatatcaata tgtaatgttt gggttattatg gtctaaaatg caattataat attcataaaa 300
ccctacaata atatgctgac aggactatta atgatcatct aataccactt c 351
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<210> 1022

<211> 405

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA431462

<400> 1022

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gtacaaaaat atttatcttt taaaacatgc aaaaatttct tgacaaggca cttttaggta 180
taaaatgaag atgagtcctt ggttctacat tcacactgaa gtaatagtga aacatcatca 240
cagctgcact ctcaaagccc tcagagggtcc agcagtctct aaaaactcgt caacaagact 300
aaaaacattc acggctttac aatgtgggtt acagagcttt acaaccatga ccaggaaaaa 360
ctgctcgtaa caacagctgt ccttcccagt tccacatgtg ttgtc 405
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<210> 1023

<211> 262

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA431480

<400> 1023

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caaatggctt ttgtgaaaac acttgatatg aaagcaatac accatttgtt ttacttacc 120
aatcactaat cattaggttt tgatgcaa atggaatttac aataaaatga acaaaatagg 180
atcagggatt atatacaata ctgtgatcaa gtgatttgtg attcaggcaa tgtactactt 240
gaaacacata tctggatttc tc 262
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<210> 1024

<211> 323

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA431571

<400> 1024

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caaatgggaa accgaccaga ccagcccatg accaaaatat cacaggcaga ccaccgcaa 120
atgcagaggc ctacagagtc acagtgggca gttggaacca ggccccaggg aatctttcag 180
ctgcattccg gctgtgatcg gcgggcaaca ggtagagggtg ctggaggggg atgagtcgtg 240
attttcagtg tctgtcatat tcgatcaagt gtgtcataga gcttctctgt tcatctccca 300
gttattcagg gagaggctgg tgg 323
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<210> 1025
 <211> 328
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA431719

<400> 1025
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 gaaatccaaa tttgataata ggattttctc aactgaactc agggcagagc acagatggtc 180
 tgagtgaacg ccctgtgtga caggtgcctt cctgcaggta ggaacacttc ctctgcagtc 240
 agagggagaa gaaaacatca ggagctggat gtgatttcag atctgcaccg agaaacatgc 300
 tgatttcact ggggatgtgg cagtccca 328

<210> 1026
 <211> 469
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA431773

<400> 1026
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 gtaaaaaagt gaaagtaaca aagataaaca tagaagttgg agttgtaaaa aagtgaagttg 180
 gaattcatgc tgccatgac tacttgacca gaggcagctt ttcctctcta agcctattht 240
 atatctgtca gtggatttga gatcactcat tttaccattg taacattccg agcctthtgt 300
 cactgtgtgt ccctttgtgg ccatgtaaga gaccacactg ctgtaggctg agaaggccac 360
 agtggttcag gtgctttgag gacttggctt tggctcaata gagcctcact ggtgtttgt 420
 cagattgggc agcctatgcc caagctactt ggctaaacag gctggtgac 469

<210> 1027
 <211> 314
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA431776

<400> 1027
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 gccctctccc tgcccaggga gcctgcaggg accctcgggt ccaggctcgg ctgctgagcc 180
 agcttggttg tgaagcctgg gctggcagct gaatgatgga gagagggtca agaaggtgag 240
 agacccccac catggagacc cagcagagcc ttctcaaag ctgataagcc aaatgtcaca 300
 aggtgacaag tcca 314

<210> 1028
 <211> 425
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA431873

<400> 1028
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 gtggaaaaca aagcagtgtc ctctatgccg ggacagtaca tttggacggc gacaccttgt 120

ttgcagaatc ctgcattact taacccccga agtgaatcac acaaaatggc tgtaaccagg 180
 atctgtttga agacacagat gcaaacggcc attagcttaa agacgtcaag gttgtgacag 240
 caactacagt ggaaggggacg tcaccatctc ctttggcatc aactattatg ctattaatac 300
 ttgggtagga caatgagcaa aatgcttccc aagttcgctc cctctcagct ttggcagatg 360
 tgaagctgct ctgaggttcc tgacacgctg tcctgagagg cgtgtagacc tccagcacca 420
 cagat 425

<210> 1029

<211> 489

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA432162

<400> 1029

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 cttctttacat tccactgaac agaaaacccat cccttctact ggcatgaact tctgccaat 180
 gaggcatttg ctgcagcaag agcacagaaa gcactctgtg gatgcatgcc agctgaaatt 240
 gttataggtc acccgctgca cttctgggtc gatggcattg tggcatcctt gacacaccac 300
 agcgtgattc ttcacatagc agggcttgca cacgggcttg tcattgacca tcacgtatat 360
 ctccccagct agaatgctat cacagtcaaa gcagcagaag tgtttcaggt gccaattctg 420
 gttttctgcc tgggtatact cattgctgaa tatcagctcg tcacagccag cacatcgggg 480
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<210> 1030

<211> 326

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA432166

<400> 1030

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 agaaagcata aaattaagag gcttttcttg aaatccaagc caaagaccta accattacta 120
 tggtcagtgga aaatttctc gatcggcctc gtgtccaaag ctacctattg gtcctcaaa 180
 agcagctgcg ccaagaacta gctagcccc tttatctcac tctagctggg acagactgat 240
 tccccctcac cccacctct cttctttcaa taacactggg taggtgttaa tggcctgggc 300
 tctcaccaat gaagagaatt gtcctt 326

<210> 1031

<211> 376

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA432168

<400> 1031

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 atccaaagtgg gcctcctgat ctttaacaagc catgctcatt atacacatct ctgaactgga 180
 cataccacct ttacgcagga aacagggtct ggaacttcta agggaaatta acatgcacca 240
 cccacatcta acctacctgc cgggtaggta ccctccctgc ttctctgaag aagtgaaga 300
 gcactgattt cagcagctaa gaaatgggct cttttaaggc gatttagaca ttgcagattg 360
 ttccacagag aaggta 376

<210> 1032

<211> 291

<212> DNA
<213> Homo sapiens

<220>

<223> Genbank Accession No. AA433930

<400> 1032

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ttccaggtgt caggaaagct agcgagtgtt ggggccgggc ggtagagagc ggggctctca 180
ctggtttttt gtgtctgtgt tgttgatgcg aaggctctgt tgctgcagcc gcctagttta 240
caggggtgggg ggtgggaggt ggggaggggg gcgagggatg cggagtgggg a 291
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<210> 1033

<211> 488

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA433946

<400> 1033

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aagccccctt ccaccggcaa agtgggaacc gtggtcatgc cacttcggtc actcagcaga 180
aagaggatgg cgttcaccac gtgctctacc tcagcaaaact tgccaagtgg gattcgggtc 240
agcatagtct tggccttgtg ggggtcactc caggtggcct ggcccatgga cgctcatcacc 300
actgtggggg ttactgcatt cactcggatc ttgtggggcc cgagctctag ggccatcacc 360
ttggtcagca tgtccagggc acccttggtg gagcagtaga cgctatggtt agttactgcc 420
cgctgggagc actggctgga gacattcacg atggcccctg ggactccccg ggctattaag 480
ccctggcc 488
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<210> 1034

<211> 488

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA433947

<400> 1034

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gcagccacta aatggcggca ctcaccctcc caaaagtacc ctttatataa caagcatttt 120
tggcaaaacg ttagctagt catatctcag actttcttgt gaaacacctg aacactgggg 180
agggttagata agcatcttta tgaggggtta tctgtactac cggcactgtt taaagacatt 240
gctgcagaat atcttggtat gcaggagtca aacagcagtc atcatgccag ctgctcttca 300
agatgacatc actcttaca tgcaacaggc tgttttccta cactcgacct ctcgaaacca 360
gtccttaaaa tcttacatgc ctgcttcttc tgtgatagtc cctggacctg gagggagggt 420
gcttgatatt gtatggcttt agtagtattg caatggaaat ggaaaacaga ttgggtccag 480
tggaattc 488
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<210> 1035

<211> 265

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA434225

<400> 1035

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gttggggaag cggcctggga gacggctgtc agggttgcag cagggacgct ctgggatgag 180
ctgggggcag gcggtccctt tgggaggatga gacaatggcc ctgtgtggta cactccctgc 240
ccccacccc ccacgggccc cttgg 265

<210> 1036
<211> 217
<212> DNA
<213> Homo sapiens

<220>
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acgcacactc acaccagcct gggaggaggg agctggggac aaggctcactt ggcaacaggg 120
ctgggacctc agaccctcaa gggccctggg gctgttgccg gggaggccct gctccccaga 180
gccggactgg cctggttgaa agtgcagggt ctgggca 217

<210> 1037
<211> 399
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA435526

<400> 1037
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tgacttttaga atgatagcaa tttatcaacc aaagaatccg tcttcacacc gtttcaataa 180
ctgcagcaat ttccttgaac tgtctgtaga aattctgaaa ctgtggaatc gtcatttcaa 240
agcacttggt ctttacttgg cctgaatgat ctgccacttt tagcatcact gcaacgtaag 300
gatacttaag agatctgcaa gtgtctgagc tcacagccat acccagtttc cactgaaaat 360
ctacaagctg gttggtgaca tcggacttag catccagcg 399

<210> 1038
<211> 320
<212> DNA
<213> Homo sapiens

<220>
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acttcaacaa atgaactcct ttaaaaaagg aactgtgtta tataacttaa gagtagaaca 180
tacaaaaata ggaacttaac gtgaaaatga ctttaataaa aaatgaatta cccttattta 240
aaatgctata ataaatacta caacctcccc atacacagta aaaactatat ggaaattcag 300
ccaagtagta caattaactg 320

<210> 1039
<211> 373
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA435662

<400> 1039

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aaccctcac tctctcccc acaccagggc cggagagtga gggccctgc cccacacctt 120
gggtggacga gggcccttta aggcacctgt ggaggtgggg ggcgaggggc gggactgtgt 180
accatcctgg atgcagggac gggcttcgat tggcaggctg ttgtggggat ggatggaacc 240
aatgaaaggg ggtgccatag gcagggacag tttggggcca tccctgaggg ggtcagggaa 300
caagttgtcg ggacgtgggc aaagacgacc ccagtccccg tagtgtaaag aacgtaaatt 360
gaaggccccg ggc 373

<210> 1040

<211> 277

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA435665

<400> 1040

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tgcagttcac aagcatggag gaaacagaca gaacgacagc gttcaggaca gtcagagcta 120
acccaagacg aggctggact tgccgccaag gggatttctt ctggatggca ctggggcccg 180
ggcaccgggc tgggcacagg cgcacaggca cgggcttctc ttcactctgc cccaggctgc 240
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<210> 1041

<211> 378

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA435681

<400> 1041

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aaacaaaacc ctattaataa acacaatgca aacaatgccc gagattatca taaaaacata 120
ctagcaagcc acaagtacca gagaggggtg aacaggcata tctgctagct ctctcttgc 180
agtctcagc ctcccacagg aggcacaagg tccaaactat tcctcaaaaa aaaggacagc 240
ctctttatgc tgaaatagga actttaaaagg aagctcttct tgtagtccaa atggacgtac 300
cttgtggtat ggctgtaagg actcgatttt acggcttgtg tattcctaac tatagctagg 360
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<210> 1042

<211> 391

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA435738

<400> 1042

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ttttatcagt tgagactgtg agattcaatg actccatgac acttgcagat tcagcttcag 120
atttcagcca ctttacggga aaaagagaca catcgaaaac ttgatcctgg gacttgcaac 180
cccaccgtgg cacttctcca agaaatggat ggtttttcacc ttctctccct tttcctgcct 240
cttgccaggg ttctocactg agtgaactca accagaagcc aaaggacatg gaaaccatt 300
gatgtccctc ccaggacaag gtggatgaac agaaattgat cttgaggaat gtcctggagg 360
aatcgcttgg caatcttcag acgagaaatg c 391

<210> 1043

<211> 383

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA435746

<400> 1043

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accagcttc aagtctctta ttataaagtt ctggccacgc acagtgcgtc gcaactgtaa 180
tctcagcact ttcggaggcc aaggcgggtca gatcacctga ggtcaggagt ttgagaccag 240
tctggccaac atggagaaac tccgtctcca ctaaaaatac aagaattagc tgggcatggg 300
ggcacacgcc tttagtccca gctactcggg aggctgaggc aagagaattg cccgaaccgc 360
ggaggcagag gttgcagtga acc 383
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<210> 1044

<211> 451

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA435748

<400> 1044

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caaatagtca aggctcagac ttgttaaact gtggagttac taaagaaggg gggattttcc 180
aaattgtaga aacaagagta gtcagatttt cccatcccta cttagctttct aggttaaatt 240
caatgatgtg aaaacaagca tagggtagag tccatatgat attcatacag gaagaatgtc 300
cactggggaa gctctttcgg ccctcattca ccacgtcctt atccccctgta cacatcaagt 360
cagaatgggc tagccatcag ggaagcagcg gtagaagaaa tctgggcgtg gctccctacg 420
atcagtttta ttgtgttggt aaagacgcca t 451
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<210> 1045

<211> 225

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA435753

<400> 1045

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taaacattta tagtggtat ggtttggata tttgtcccct ccaagcctca gggtgaaatt 180
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<210> 1046

<211> 265

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA435769

<400> 1046

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tttcacaact aagcctttgg ccaaaaaagt catttagcac atctttaaag atcaataaga 180
aatggatttt ggacattaaa aagatcaagt cactgaatta aacagtagca accccatta 240
atctagaatc ccatagtgct gaagg 265
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<210> 1047

<211> 329
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA435777

<400> 1047
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 agggggctga gcggcacatg cggtgaacca ggccgaggcc ggaggagctg tggtaggcca 180
 gggagggttg aaggcaccgg actgggaccg gccagggcta cagggcgagg accaggcaca 240
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 gtcataggcc agatgcacat ccagccatg 329

<210> 1048
 <211> 396
 <212> DNA
 <213> Homo sapiens

<220>
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<400> 1048
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 ttttgggaag gtatgtttat caacataagg atcccatcct tttccataaa tgaatcgatt 180
 aatcatgtca aaagctctca gaggtctgtc atagggtaaa atatgtcctc cacctcgaat 240
 aattacctga tggaagtcac ccgcttgccg gatgtaacca gccacttcac tgtcagattt 300
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 gccatcaag gagcgctctg tcagggcagc tgcacg 396

<210> 1049
 <211> 294
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA435985

<400> 1049
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 tgtcgccctc cctgagcagc caggattaac tctgcttagg acgtttcaga taagggtcag 180
 gctggcgctc ttctttctgc ctccatgggt tgccacctt tgctatgtca ggggggtcgc 240
 ttgcttaaga cgttgcaagg agcaccctaa atgccaggct tcccaccata gctg 294

<210> 1050
 <211> 309
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA436027

<400> 1050
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 ttattttaaaa caacacgcct gtgggacccc gttcctggag gaagaccgc ttcagtgtga 180
 ttgcctccct tgcttcaactg ctttttagttc caggcagttt cattgtacat ccaagccttc 240
 ctctgcgtga gagcaaaggc tttgctcatc agccagccag tcttggtact atctggctac 300

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309

<210> 1051

<211> 373

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA436156

<400> 1051

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ctggagatgg ggtagggggg aatgagtgag ttggaaacct gctgatgctc cacaattgga 180
cagcaggaca gcaaactctt tacttcttat tgccgaaaac tgcagaaaga cacgaacagg 240
atggagacag gaccgagagt gcattctctg cactgggtccc agtttccagt ttctggtgca 300
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acgcattttg cag 373
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<210> 1052

<211> 324

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA436473

<400> 1052

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tcgggtcctt ggggtctaaag cacagggcca agttctcaag gatcaacatc ccagacagct 180
cccatggtct ggggcttgga gctggtatga aggggtgaacc aggttccatc ctggactgtt 240
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gggatcaccc acaggccagc tgtg 324
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<210> 1053

<211> 377

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA436489

<400> 1053

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aggaaagtat ttgatataatt gttgaattcc ttctatctc caagctggca aatttgact 180
atgtgtctat cattcagctg ccagctctaa cttgtttgca cacttaaac atcatattat 240
tgcacaagaa gccagtgaag gcatataatg gtcagttcct cactatttca aaaaaaatct 300
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tattccttttt ctcttta 377
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<210> 1054

<211> 334

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA436548

<400> 1054

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atacatttca tgtatcctga gtattatggt acaacaatct gctcttgata gtaatgttcc 180
tgatagatta aaagattgag aaatacttga agaacgatca aagatacaat gagcatggta 240
tacttttggg ttaaaatgta ttctttgata actgatgtca tatagatccc taagtaaata 300
aatattttaa tttctacat ctgtctacct tagt 334

<210> 1055

<211> 405

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA436560

<400> 1055

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ttggataaat tctattgtaa caatttcggt ggatcattttg ggccataaaa tttttttgta 180
atgttttgta actgatatcc acatggaatt aactcacac atcatgaaga tctatgtatg 240
tggaacaaagc catttaaaatt ttaacttcca aaagcatata ttctcagggt tggaaggcac 300
actaaaattt attaggtcca attcctcata agacacgggt gctgactttc cttgtgtagt 360
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<210> 1056

<211> 437

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA436616

<400> 1056

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aatcatggga tttacataat ggcaaaaatg tatatgtata tttataacat cctctatata 180
caataatcag tatagacaga gaaaatgcac ttaatctttg caaatcatgc acaccacagc 240
aataacacaa aatgtttttt ctgtaacaag cttttccact ggctcagggt tcatcctgct 300
ttccaacaat acctatcagt tttaaaagca aacattttca attaaaacta aagaaaattg 360
aaataccata gtgatctact aactatttta aaaacacaat tgtacacaaa atagtgtttac 420
tctaaaacac tgtgact 437

<210> 1057

<211> 441

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA436690

<400> 1057

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catgggtcaa gtctcctcat ttcagccagt ctcaacacaa aacacccaac agggatgcac 240
tcaacttggt ggttccatgt ggaactaggt ggcagggcga gagggaaagt agtagaagg 300
ggctatgggt tgtctgcatt cagtcacctc acataaagcc acatggatct aggggggtat 360
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cagaggggtc caggcagggg g 441

<210> 1058

<211> 407
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA436880

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 aaacaataat ttaacaaaaa atgtaccgga agaagaatgt tcattacaaa tataggaaac 180
 ataaatatta ccaaattattg gcaagcacta aaatgttcag aaatataagt ctactacagt 240
 tatagctctc tcaagcaaaa aaatagcaga gaaaaactta gtttacctta ggggctattt 300
 attttcttag ggatttgta aaagggtcaaa tgggggtcaca cagaatacta agaagagctg 360
 ttcacccagg ctcactaag aactcttctt cattcagtag ctatata 407

<210> 1059
 <211> 491
 <212> DNA
 <213> Homo sapiens

<220>
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<400> 1059
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 caatttggtc tgcagaaggc tgtttttcac ttttcctttc ttttgcttct ttctgtcttt 180
 ccttctcttt tgtctggaga aatcacttag actctgtgtg cctcttctac attgcattct 240
 gctctgctat gttacctgct aggctggctt ctttggtact cctatatgat tgatgatgtg 300
 aaaaccta aa ttacttgtag catagtatta cttctttgat gttctcatta gcataatgtt 360
 atttttgaaa aggggaagata ctatcacata agttttcctc atctgttggtg atatacacca 420
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<210> 1060
 <211> 227
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA437235

<400> 1060
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 aactaatcca caccagctca aaaaacctgt ggagatttag ttgaataaga atggacgccc 180
 acagtgattc tcaaccaatt acaaattttc acagaacaca gtaaaac 227

<210> 1061
 <211> 409
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA437265

<400> 1061
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 caaaaatagg ttcttttttc cttcaaggca aaatcagtc gaaagcagggt ttttcttct 180

tcaaaacccat tctaccccat tagcattcaa gctagctgtg gctctgatga tcatgtagca 240
gagtgtgagg gcactgagga ggccaaaact ggcaataata aaccattctt ttgttactgc 300
aatgttgatt tctcctgttc tcggagttag cccccatcc tgaggaagag gtgagatccc 360
cgaagtccga agtggtctca ggccaaggga gttgtcgccg gcgaggtcg 409

<210> 1062
<211> 398
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA437295

<400> 1062
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agagagaggg actattgacg taaacctgcc acgtgacacg actcggcttt gtggaaacca 180
tacgtgattt cgaagggtt gaaaatggag atttcaagag ttctcctcgc tccccctggg 240
catgtgtgcc cctcctccc cctgtcctc agctcgcaac catccgttca gttgcttcta 300
ccactcccca gtcggttgct gctgggtgtc actcagttgc ggacgcggca gaagtgaag 360
ctggaaggaa gaggggcgct ccggcctggg gaaggggg 398

<210> 1063
<211> 400
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA437368

<400> 1063
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cattttcttct tggcttgctt gaggtgttct tgcaggtaca attaacacaa aatgttctga 180
gggtagtagc ttttcatgca ctgaagaatg agatcctaac aacattgcac atcttggata 240
cattagaaat tttaaaagcc atgtgtaatt tcagaaaact taataccgtc atgaaagaca 300
ttttcaacac aaaatttagg cactctatac tttggaatag ccataaaata ttccaacaag 360
agttaatgca ctttgtgatt acatctactc aaagataatt 400

<210> 1064
<211> 229
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA437387

<400> 1064
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gctcctctgg ccctgggagc ctaaaaggga gtgaggagaa ggcttagcaa gaggcctgga 180
gcaggggaag tcaggtccct caggaacccc tcttccccca gaggaagga 229

<210> 1065
<211> 408
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA441791

<400> 1065
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 gctcactttt ttctgggtctt taatctctct gaagggaata tcgggggacgg tagttctgat 180
 atgaaacgga gatggggata tttttctttc ctgggagaaa ttcctatgga ggggagacaa 240
 ttatcagagt cttaatggac acaggaagga atgcttataa ggcattgaga tttgagattc 300
 tcatatcaag tgacatccct gttgggaaac ggcattgaca aggcagatgg ggtctttact 360
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<210> 1066

<211> 321

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA441911

<400> 1066
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 ccaggtagga ctgggactcc cttagggcct ggaggagcaa gtccttgca gtccagttcc 180
 aggctggtgt gaaactgaag agcttccgca tcttgcttgg gttggtgggc tcggccgcaa 240
 ctgcctggta ctgctcatcc gtcagtactt tcccgtacag agcatccagc agccactcaa 300
 cgtttgtgac cctcgcgata a 321

<210> 1067

<211> 262

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA442054

<400> 1067
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 gtcaggcccc tggcggaaca ggtgcctcat agcatagcca gcattcagca cacacaaacc 180
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 gactgcaaaa taaatcatcc tc 262

<210> 1068

<211> 442

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA442155

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<210> 1069

<211> 477

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA442334

<400> 1069

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aaaagactcc tactgacagg gctaagttta gccttaacta caaatgcctt gaagggtcca 180
cctcagtgca gaatcagaga ggaaataaaa ctgccaggga ccagagcagg ctctcctgcc 240
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tattaattaa ttctcttacc ctgaggctga gggcgaacag taggtagcat gggagtgtaa 360
aggaatttat ctagataagt ttgtttactt atgccctccg gaaatcatgc aagactgctc 420
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<210> 1070

<211> 446

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA442342

<400> 1070

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tggccttgag ccacttcgaa cttcggggat ctcacctctt cctcaggatg gggagctcac 180
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tgctaattgag gtagaatggt tttgaagaag aaaaaacctg ctttctgact gattttgcct 360
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<210> 1071

<211> 510

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA442400

<400> 1071

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aatgggaaca ttatgatcca gaaacacgat ggcatacagg tggcagtgca caaaatggcc 180
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aattacctta tagaactact aaagttccag tagttaggcc attcatttaa tgtgcattag 300
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<210> 1072

<211> 284

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA442763

<400> 1072

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accaataaga aaaagggcac aatgaagcac acatccccag gggccacggc agcctaggac 180
cttcctatca gtggggaggc aaggctcttg acggcttttg agttcagctg agggatcatg 240
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<210> 1073

<211> 301

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA443271

<400> 1073

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aatcttcaag ttaaacagtc tcggcaagga gtccagaacg tagaaagggg aataaacaac 180
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a 301

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<210> 1074

<211> 393

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA443272

<400> 1074

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tagtgcactg cagcatctgc ctctagggtc agacaattcc ttttatttgc tggggtaaga 180
ggagtaccac cagaaacacc cctctctgag ggccagagcg aagatgaggg gcagctgggg 240
atgctcagag tcctgatata ggtgaaatgg ggccccatt tgggacctaa tggagtaggg 300
tacaactagt gactctcccc tggaccgggg aatggaagga gatatcccat ctgatatcca 360
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<210> 1075

<211> 487

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA443316

<400> 1075

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tgtgcacagc ctccctggga gggctctgcag tcacctcggc ccacgggtccc ggggtgactg 180
ggctccagca gcccttcctt ccttccttgc ttccgtcctt ccttcctcct ccttccttct 240
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cacacttgca gctcatgcag cggggggccac tctcatcagg aggggttcagc ttccgcagct 360
tgtgctgccg gatctcacgc accaacgtgt agaaggcatc ctccactccc tgccgggtct 420
tggccgaggt ctcgatgtag gggatgccgt agcttcgggc gaggtcctga gcctgccgag 480
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<210> 1076

<211> 391

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA443321

<400> 1076

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attaacaaaa aagcacattg agactccaag gatgaactgc ctttgcttag tggccagggc 180
actgtcaaga cccagaggtc tcctaattcc cacgctagca caccatacca cccctttggt 240
caacctcaca gaattgccaa tactagcgta tcaccaggaa tacttacgaa ccatactaac 300
tcacatggaa gaatggcaaa tgaaaactgg cccacatttt cttgttcctt cttcaaagag 360
taatagggtt ctacctaatt gtgaactaga a 391
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<210> 1077

<211> 383

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA443585

<400> 1077

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gccccctccc agacagggtt gtctccccc gccctagggt tctaggggtg gagacatctt 120
ggccccaagc tatagcccaa gagcagctgt cagtctgtgc taccaggga ctgagtgagg 180
atgatctgtc cagccaagtt tcaactcccc tgtgtgaggg gccccatag ccacaggcct 240
gggtccctgt ataggaccct aagggtgaaa gactcagggg gagaagggtg ccatctcgag 300
tgagaccgc tgccacagct ccttggtctg tttgctgcgc ttgaggttct gtaggatgtc 360
gttgaactgc atcatgcca tgg 383
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<210> 1078

<211> 187

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA443602

<400> 1078

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ccacacatag gaggaagaaa aataacaaag caacactcaa cagacatggg gctggggcgt 120
ccccacagt gcgccgggtc ctggccgggg gaaggctcag agaccgctc agaactcgag 180
ctggggt 187
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<210> 1079

<211> 458

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA443658

<400> 1079

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ctgggtgtgc tgggtggatga gtgggcacat gcccacctg ggggtgggtga gccgcttcag 180
tagatgtagg gcatgatgcg gtaaggcaca cgccggcagt actcctgcca ggccaggccg 240
tacttctgca ggcaactgcc ctcaccccg gcctcacggt gcaccagcag cgcggtgaag 300
tagaggaggt agaagtaggg cagcaggtgt gacaccccg agggcaagga ccaagccaga 360
gccatgatga ggtctccaag atagttggga tggcggaacca taccacacca cccagacacc 420
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agcagttttcc gccctgtggc thtagagatg gtctcaag

458

<210> 1080

<211> 498

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA443756

<400> 1080

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cttttcatta gcagagatga attgaaatgt catgtctgag tgcaattcct gctcccaact 180
cccacccac aaaatcccaa aagtgaat aaatcaataa aatcccatg atttactaaa 240
agtcacccct ccaaaccctt ctaactagca gctgcagtgg atgataacca aggagggag 300
cagctggcca tcatgtagca ttctgtgca tgtgagcctg aaggagacag agcatgggag 360
caagaatcct gaatgagat agtatataat taccttactt cataacttgc cctccctac 420
ataagacacc tctgtcctga tacatggaaa atactagagg agatgctaag agtggtttta 480
gtctacaatt ggaaatgc 498
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<210> 1081

<211> 447

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA443802

<400> 1081

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ttttgctttc aatttttgtt tatttttaga aaataaatgg caaaatatat acactgtgga 60
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ctctttggca tgggcaactg cgtcttttg tggctcagg ggaggtggg gcccttcac 180
caacttcaca aaataatggc aataaacctt ctccatgat ccaaagcgac ctctgccatg 240
gtagcggatg gatttcaggc actggcctcg tctgaggtg gactcagcta tatataaatt 300
ggacctgaat tccacgttat ggtctctcac tgccatatct tgtgcttcta agagaacctc 360
tttaattatt ttggccctt tttgtcatt gaattccaac tgagccaaag cctggtcaat 420
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<210> 1082

<211> 481

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA443822

<400> 1082

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aaaaaaaga atggcagtag cagaaggcat tggtaagt tcccaggac cacacaagca 120
gtgactccta agaagttca gaggaaggag agaaccatg gggaggggg gcagtgggg 180
tgggtcagg tgggtccct ggaggggaga catggtctag gcaaggatgc agactggcca 240
gtaaggtgg tccatgcagg aagctgagg aggtggaagg cccgtgggtc tcgagcgcat 300
ctgcccggc tagtcgggga agagcaggaa gccggagaag acgctgtcag agccctggat 360
gccaccatg tcgtagtagt cattgacagc cagccacacc tcctggcca cttcaacct 420
cagacggaac accgaccag ttgaccgag tggttttgga cgtgtggcca caggaggtga 480
c 481
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<210> 1083

<211> 165

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA443934

<400> 1083

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ggactgatgg ggggcaaggg cttctccttg cttttgaatt tagtgcattg tgcctagagg 120
ttagatgtgt gagaatagct gcagaagtga gaggagagga aaaga 165
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<210> 1084

<211> 245

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA443936

<400> 1084

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ggcaccagta gtgctgcagg cacggggggc tgtggtgtgg ccagctgcag gtgatctcgg 120
tggtggactc cgaagtgtac tccagagagg tcccgggaatg gcaggggacc agctcgggca 180
ctgagggcgt gctggcaggc tgtttcgacg attccttctg gcgctgtccg ctggtcttgg 240
gggct 245
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<210> 1085

<211> 453

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA443941

<400> 1085

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aacattgtta ttcacataat aatgtggggc tctgtctctg ccgacagggg ctgggttcgg 180
gcattagctg tgccgtcgac aatagcccca ttcaccccat tcataaatgc tgctgtctaca 240
ggaaggggaa agcggctctc ccagagaggg atccacctgg aacacgagtc acctccaaag 300
agctgcgact gtttgagaat ctgccaagag gaaaaccact caatgggacc tggataacct 360
aggcccgagg gtcatagcag gatgtgggtac ttcagggccc tgggcaccct gttgatcacg 420
agcctcccgt catagctcag ggaggcaaac agc 453
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<210> 1086

<211> 299

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA443993

<400> 1086

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ttcagagccc gcctcggttg ctcccaatca gaatctgctt tgtgctccac ggctctcaag 120
cactttcatg agcgttctgc tcctacgtgg ccagggtccta ccttccctga cggctctggc 180
caggccagct cggtttccct ctaacccatg aggcctgggg gggctgtgac agaggctgga 240
accgcggcca gagccagggg gcaggcccgc ctggtcacag caggatgagg ctgggggtgg 299
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<210> 1087

<211> 351

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA446242

<400> 1087

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ggaagcaagt catttgccaa aaggaacaca gagggtcacg atgatctact cctccaagga 120
tttcagggtt cccagacgcc tagttttctg tctagtctct gaagatgtta ttcttgggga 180
gcaatagggt ctcgagtttg gggctctttc aggttctctc tccatttccc cattctgcta 240
caatagataa acaaacaaaa acaattctca cttccagaag atcccgcctg tacgtctgca 300
cgagcccttc aggaggtctg gatgtctggt tcacaactcc cctgcttctt t 351
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<210> 1088

<211> 527

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA446342

<400> 1088

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tgcggcctct gcctccccag ttcgggcaat tctcgtgcct cagcctcccg ggtggctggg 120
accgcagttc acgagaaatc catgaccgta aagtactgtg atagtgtgt ctaccactgt 180
gagcttccag tactaggtga ttggtctgca ttcacagtga ccaaaatcag ctatgtggcc 240
aggtaattca ctgctgaggg ctttggtat tctttatga actactgaaa tgagggtcaac 300
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aaatctaaaa tttattttta ccaggatttt agatgtaaac atcaagtagt tttggttgtt 420
tcaatgaagt aacatgttta agctcacatt atttgaagta cttcagttcc tattgccatg 480
aaaattgtat ccagcagcta aaaaaaaaaa aaaaaaaacc tcgtgcc 527
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<210> 1089

<211> 404

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA446570

<400> 1089

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gaaaagacaa ctttctgaag atctaattac aataataaat aaaataattt atacaagggt 180
ttttttttct tgacttttct ataggggtca tattcattaa aaagcccaa aggctacctt 240
tgctttaacc cttctgtagt acaggaatga ttctagattt gtttcctttt gttatagaag 300
caaatattgt ttttttaaaa tagcctgaga tgagagggtta tattgtacct caccagctaa 360
cacactaagt ggatgacaaa ctattctctc ggtaatttat atag 404
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<210> 1090

<211> 394

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA446581

<400> 1090

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tgaagttaca tttttttaat ctgtcaattg ctacagtagt ggaataaata aataagtttt 120
ttaaagttca atgtttatag acatacttat aaaaaaatga ctgaattaga agacattaaa 180
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taatgttgat acacaccagg aagggattta ggcaaggaaa ggcacatcat attaccacaa 240
gaaataaaga ccatagttgg aggttaatgg acagccagaa ctttagatct tgtggtaggt 300
ttcccagctc tggagggtca ttatggtgaa acgttcttta tagtactggg ctggaataaa 360
taaatagcag ttgaggaatt ttaccttgta actg 394

<210> 1091
<211> 328
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA446587

<400> 1091
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gccctcacca cggttaagtc acacatttcc cgacacctgc tcatttctcc agatctgaaa 120
catctcaccc aacacatcct agttgttgta aaccccaaat gaactttcca gaagcaaaaa 180
caataacaga ttcagagaac cctggtcaca cctgctgagc agtccccctct actctggttg 240
catatagaat gcttgtttgc tcaaaagaga ggcgctctca acatcaaggc acaaagaaag 300
acgtctccag gggcaaaatg atgacgaa 328

<210> 1092
<211> 340
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA446596

<400> 1092
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gccctcagga actgagtgtg ggcaagacac tgctgggccca gagggcacga cgccacgtg 180
ggcccgattt gcccaggcca tttggcagtg cagagccccc ccagcctcca gcaggagccc 240
cctggcatga gctctccctt caggggtcct gagcaacgtc cctgccagggt ctggtgggtg 300
gcagcggggg ggcagacacc tcgctgaggt cctgcagcag 340

<210> 1093
<211> 455
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA446651

<400> 1093
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aatgtactac tataacaaga cacagttttt atatattact ggaataatgc aaagaaaatg 180
aattttcctt tgggtccagt aattgtcaaa ggaatgattg cagattcaga aaatgtgctt 240
tgtaataacc ctgttaacat aaagtataca ctgaggaaaa aaataagtat ggcacatata 300
tggaaggatt agttgtatta gcaaggcatt tcagggatgg ttttggttct ttagactaag 360
taagatacat ccaattttaga ccccttcaa atccttagac aaatgggaat cacttggtaa 420
cataaagatt attttggtgg gcaggggctg atttc 455

<210> 1094
<211> 355
<212> DNA
<213> Homo sapiens

<220>

<223> Genbank Accession No. AA446666

<400> 1094

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tttttttcct gctcatttaa ttattttttat ttacacaact ttttccatca tcatgatgca 60
aataagatta taaatacaca aacactggag tacatgcaac acattccaca aaggaacaaa 120
aatgtacagc actacagaat agagaaccca aatttttata tacaaaagtgc tttaaaaaaa 180
aagaccttgt gacatattca aaccatattt atttgaatac tttccaataa ttaccatggg 240
atacatcatt tataaataat atttaatctc ccctattttt tcaagccaga atttgtgttt 300
caactaatca agtgaacagc cattccatta tgtaatatta aaggcaagtc acata 355
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<210> 1095

<211> 305

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA446864

<400> 1095

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aggtatatcc ctccaaaacc cacacagttc agagattttc aaacaccagg tttccatttg 120
tattaaaatg ggcaagataa tgaaggcaca ggctcacttt gtatcaataa aggacatcaa 180
acacagtcac gaggcactaa tgacataagc aatcacaaaa agcaagtgtt caaagtcttc 240
agtaactctt ctccctttaa catttggaac aactcagtc agatatttta atacctcaga 300
aagaa 305
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<210> 1096

<211> 393

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA446949

<400> 1096

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gttacacctc tctataacct tcatgcaact tctatacatt tgataattcc ccaaaatttc 180
caacatttca aaaaacatta tatataatgg gatacttttag tcacaaagtg tcacctttgc 240
tgagtcaaca aaatatttat atgctcatgt caaagatgcc tactgatgta aagtaatacc 300
agtattgctg cattttacag aagcactgag catattacat tttccatttc gtatatggta 360
gtatcatccc caaaaatgtc aatgtgaaaa ttt 393
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<210> 1097

<211> 421

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA446968

<400> 1097

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ttaggtgggg gacagccctt tcagctccct gatggcactg gctgtgctgg caggccaccc 180
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tgctctgtct acacgggtac tctggcactt gtcagggtcca ctcacctctc tggcctcaaa 300
ctgcaggggg agatgggtcc aatgctggga ggcactggga ggccgtggaa cagtgaagag 360
cggactgcac gggctggagg atgccagatg ggcacacatg tccccaggg cagctgccgg 420
c 421
```

<210> 1098
 <211> 400
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA446970

<400> 1098
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 agctgaagtg gtctgtcat agtttgtgtg ccaggttgct catcagtatt gatactgtcc 180
 cagaacaggt tgtaggtata attcagagac tgtcctttgc aaaggaaatg accagcattt 240
 caactgtatg tcttcctgga agggtagatt ctgctatatc ttctttgtct gcatcaaaag 300
 actcaagagg aatgtggaca ctttcatat cccatttgta gagtaaaagct tcaagtgacc 360
 agtcagcact cctaacttga taagtagacc acaattggac 400

<210> 1099
 <211> 243
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA447118

<400> 1099
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 accaaatgtg actggactta actgctacaa ctttatgggt tctatcaagt atatgcaa 180
 atcttaaatg ggcacatatg catatgtgca aaacaaatga aatatagata cttaaagaat 240
 gaa 243

<210> 1100
 <211> 352
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA447223

<400> 1100
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 gactgactaa gcaaagattt taaaaaaagga caggatgttt aaaaaatact gataaatact 180
 gtgtaatgct ttaatttact gtggcagata caaaaatcaa taattcatta acagattata 240
 tatgtaaaaa aagtaactac atgaattttc tagcttttta aattaataaa atgtaacagt 300
 agtgggtttt atttttttaa tgaggtatta ttacactgta aacaaaaaac ag 352

<210> 1101
 <211> 459
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA447549

<400> 1101
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 tattattact atgtacaact tcaaaaacaa atgcttccag ctgcaagtaa actgatgttg 180
 aacatcctgc ctatatattca gctgtacgaa atttctgtga tggccaatgg tctccttggc 240

ttggaaaaaa ttatataaat aagaccttca atgagttggg aatcataaaa atgctatctg 300
aaattcagtc atctggatct tgggaagttt gcaatagctc taagagttca acaagcaaaa 360
taaaaccctg gtggatattt aaacttcagt tgtccaagac gtcttgtagg ttcacagttg 420
gtctatcaaa aataaaagct attcctatcg tggcaaaca 459

<210> 1102
<211> 194
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA447574

<400> 1102
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cgggtgcttg ctggcggggg agccgagacg ggtgcctgct ggcgggggag agcgtgtccg 120
ggcgctgcac tctgcgagg gctcttggat ggcgctcacc acgtcacgtc ttctgtgctt 180
tcggccaagc actg 194

<210> 1103
<211> 467
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA447617

<400> 1103
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ccctccgagt cccacattta aattagaagt cctcacatct tccattcctg gggcagggag 120
agatgacatc cggaaggcat cagaacgtct gaagtctcac tctaccagag gccaggagct 180
ggcacgagcg aagccaggaa aagactgcc cagccccaga atagcaccat ggtgggggtg 240
gggggcagtc cccccggtgt ccccaaagca ttcttggtcc tgccctgccc caggctctgc 300
cttttctgct gctatgaaag gtccagaggg ccttggtgcc tgcccacctg cccacacctg 360
gacagacatt ttggacacca ccagattctc tagccgtggg aaggggctat ggtcctctct 420
ccaggtttcc gcccacccc catgctctgg gtaagaatta tgggtgg 467

<210> 1104
<211> 283
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA447687

<400> 1104
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ttaaagcaa tctgcctta ttttaaaatg cttctactta agaattgctt ttcctcccc 120
actccttcac ttaagggtata agtctacccc taaagtgcac ttctcaggca ttaaaaacag 180
cactgtgatt tgctttccac agagtcttaa ataacagcca ctttcttcat ttgagaggct 240
acagagttca agctgagctg tgacaggagc cagggggcca ggg 283

<210> 1105
<211> 398
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA447732

<400> 1105

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tttttttgca gccataaaat tctgtttaag actgtaacat ggaaaaaatg tttatacgtt 60
aagtacaaaa gggacataaa attgtatata cagaataacg actatgtaaa cacaccaaaa 120
atctatgcac agaaatgtct agggggaaca tttaacacca aaagattaac agtggttagca 180
tttgggtggc aaacttgatt ctttctaaaa ttcccatatt ttccctaata agcagtaatt 240
ataattacaa cgggaaataa tttctttaag taccagtgct agtggtcactg tcaaataaac 300
atcagtggtt ttggcccaa ttcttaagggt ggcaaacgcc gctgccccac tccccacca 360
tccccaatag ggcttgagca cctgtagccc tgctgagc 398

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<210> 1106

<211> 396

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA447740

<400> 1106

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aggaagcagg aacaccagc gccgttccc cccatcctcc cgctccgcc cgctccgcc 120
gtgctgggct gtggcctcca caccagcag ccgcccctgg ccgcttctt tcgtcgggtg 180
gtgcagcgcc gcgtccttcc agcttaggcc cgacactcca tgaactctca ttttccacct 240
tctccgtctc cagcttccaa gctgcacagg gccaggccga ggtacgtgat ggcggggcact 300
gaattacaga tcccgtctgt ggccgccagc ctctgtgtcc tgccaccttc tccgagagga 360
catcaccgcc accaggtgga gcgagtctcc tctctg 396

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<210> 1107

<211> 277

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA447777

<400> 1107

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tttttttcagg ccggaataaa ggtttattgt gctggtgcat tatatctcag cacctggaga 60
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gcctccctaa agcaggacgg agcccaggct ccctgtcgag gactgacgaa tattgtggac 180
acaggctgcc agacaatgtg tgagcaacag ggggtggcca gggccccctg ctccaggctg 240
ggcgtcagaa acccttcccc agcccctcgg atttccc 277

```

<210> 1108

<211> 262

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA447802

<400> 1108

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taacaaatgg atgactttat tacgagagaa ggacaagact gatgtttacc ttggtcaaac 60
catccaggaa aacaaagcac acagacttat agaatacttt ggtttaaaaa ttattcataa 120
tatcaatatt aaacctgatg tttaaagaac ctaatgagaa atatagtgtg aaaaacaaac 180
catgaaaaca caagtttgca tagatgaatt aatgtagatg tacaattggc atttaaaaaa 240
ggagggttgc gttttgggag tg 262

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<210> 1109

<211> 497

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA447876

<220>

<221> unsure

<222> (1)..(497)

<223> n = a or c or g or t

<400> 1109

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atgggagctt aatatatcat atctaattta aaataatttc actgaaataa actccattgc 180
ttttacctaa tttttttctt gagatgcttt tgtagttttt cagagtttta gatgatttta 240
tacaaaatcc tctgcctagc actgctcttt ttgatgttgt agtgacacca ttacattga 300
attaatgctt ggtagcctgg ggctangatg tggaaactcca tggatctgtg ttctgactgg 360
cacctttgga atgaaagaaa agtgtgtgtc gtccaaattt tttcccttta attctttccc 420
tcactttctc acccataata gaaattttat ttccattgtg agttctgaca agaataa 480
tccacatata acataac 497
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<210> 1110

<211> 437

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA447971

<400> 1110

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ttttgcccc aatcatgaat ttttaaggaaa gaatatatag agatggctga gttcaaaagg 60
ctcagtgttc aaattcagtt tgttcctaaa atgaagagtt acctatgtgg gtgcaatatg 120
cagctggtaa agtgattgct atttgctgtt tgttgagatt attcaccctt gacttaaagc 180
agcagtatct gatcttgtaa aatcctcaat ttgcattaca tcactttctc tttgcgactt 240
cctttttctt cttgcattta ctgctttgta aatagctgtt ttcagtttat aactgggact 300
gatctttaca tcaggggttc tcagccttag cacttctgac attttgggag gggtaattct 360
ttgaggctgc tttccttggtg tattataatc tatttagcaa catccctggc ctctacccaa 420
ttcatgctac tagtatc 437
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<210> 1111

<211> 409

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA447977

<400> 1111

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tttcatttac aacaatgcag tcatttatatt attgagtatg tgcacattat ggtattatta 60
ctatactgat tatatttatc atgtgacttc taattagaaa atgtatccaa aagcaaaaca 120
gcagatatatc aaaattaaag agacagaaga tagacattaa cagataaggc aacttatata 180
ttgagaatcc aaatccaata catttaaaaca tttgggaaat gagggggaca aatggaagcc 240
agatcaaatt tgtgtaaaaa tattcagtat gtttcccttg cttcatgtct gagaaggctc 300
tcccttcaat ggggatgaca aactccaaat gccacacaaa tgtaacaga atactagatt 360
cacactggaa cgggggtaaa gaagaaatta ttttctataa aagggtcc 409
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<210> 1112

<211> 408

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA447991

<400> 1112
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 tgtccgtttt tggtgtccca ggctctgtgc ccctcactca gtcaagaact tgtctttgtg 180
 ttgcttcttg gggacatgct cagggcagaa gtcagagcgg aggaggcggg aaaagtagat 240
 tatgatcatc acgtccagca tgagcaggat acccagcagg aaggtgcccc gggtcctctg 300
 gttcacataa cgcaagaaga aatgggtgag gtaggcctga gggggcaggc ggaagagaaa 360
 gtacatgacc aggttcacat acttgttaac ccggtagagg agatgata 408

<210> 1113
 <211> 506
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA448002

<400> 1113
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 ggaagacatg tataggacaa agaaagatgt gggggtggaa gaggttgat ggagcctcca 120
 tgccctctct ggatgccatt ggttgactgg gggaattaat tccctggtgc tccagcctg 180
 caagatgagc tccttcaacc agcaagtccc cagtcaaaag agtgcacggg gtgtagctgg 240
 aagttgagca gatggttagt tgcatggatg agataaaagg ccagggggaca gggcagctac 300
 acatgaatcc aaatagtcta atctccaaa ggaacagaga gtggattcat acaacatacc 360
 aagcccgcgc cctaaatgca tcccactcag gtcacttata aagctccaag gatggggcaa 420
 gaacacaagc tctacaccag ggaaacttgg aggcatacaga aggacagaat aagacccagg 480
 ttcatagggg atgaaaaatc gaacag 506

<210> 1114
 <211> 297
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA448252

<400> 1114
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 tttttgtttt tgtttttttg tttgtttttg ttttttagca tccagaatac agggtagctg 120
 aaatcatttc tgtaatatgc ttcccaaaca ggttttggaa ggtagtctag gagctgtaat 180
 cacttattgc tgtgtgtctt caggcagtg tctctgtcag aggctcggag aaggttctct 240
 tgcttcttgt agctttgtga ggatccacct ggcactctct ggggtcttga agttaat 297

<210> 1115
 <211> 426
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA448282

<400> 1115
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 acatactatt tgattaagtg caacatggta cagtcagtgt taatctcttt acacgatagt 120
 gcatctagtc cttagccttt agttattgca caacaattat aaagaccagt gaccaggaca 180
 cgtggactct gacaggcaga tcggcctaca caacgaaaaa tcagaacagt acaccaactg 240
 gaatggtcaa acaatttaag tcaaatgttt taatgggtgca attaaaaataa gggttcaaac 300
 atgttttcaa tatattaatt tctttaaagt catgttcagg caaggtgctg tttaaaaaac 360
 cactatttagc tttgtccaca catgtaagtt atcaaaagtt acccaaggtg attttgacgt 420
 tgaatg 426

<210> 1116
<211> 423
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA448300

<400> 1116
ttttgtcag aggaacgcac gttttattgg aagtcttggc ggcaggggga gtctgcgggg 60
gcagggctgg ggaagggcg gcggaggggg cgggtgggcg gcaggtggag cgtgggagat 120
gtcaggtgcc aggggagtc tggccggtt ccatcgctcc aggtgtttct accgcctgcg 180
gtcggacaga cggcggatgg agctgcggaa agttccctcc tcttcacggt gttccccagt 240
cctctgctgc tgggtgaact tgcaccggca tcttctgctc agcacgatga ggatgcccag 300
gatgaagagg atcccggcga tgaccgagcc tccgatctgc agggactggg agtcgtaagt 360
gaacgggtcg tgttcctttg gactttctgc cttggccatg gtgaggagac ccacacagaa 420
aac 423

<210> 1117
<211> 289
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA449073

<400> 1117
tttttttttt tttttttttt tttttttttt tttacagaag tatttatattt aaaagtagac 60
ttaaaaaaga aaagtaattt agattaaaag atccaagggtg tattgtttca ttaggtgtt 120
actgctacct atactttcac cccattttatt aagcccaaaa cacttcaagc aacttcaggt 180
tcataaatta ataaggaggt acagaagccc aaccaggatg ggaagaatg tgtttcaggt 240
tagaagggga cagcatggct ccccaatgat gtcttgtatg gaacatttg 289

<210> 1118
<211> 490
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA449108

<400> 1118
tttttttoga cattttattg aacttttcat attacacaat ttacccaaaa cattttaaagt 60
aacagtaaga caaacttaaa aaaaaaaaaag tcatacagac aaaacatctc taggtgaggc 120
aatatgtaaa tttcattgtc aaatcatgat tttgttactc tgctatacaa cttggtacca 180
tatcaatgct actaaatgac tcaagagtaa gacattatgc attccgttta tatgagaaaa 240
agagattatt tacaactact tgaaagagaa acagaaatgc caacaacagt atcattcaaa 300
ttctagtgcg atgtcaattg ttaccaagag atcttatttg cttatataaa ttttgcaaat 360
aattcaaacc tggctatctt attagaagct gacaaagat gcttttctgt tgcaaaagat 420
cagtggacaa aaatcctcca caacctcagc tgataaaaaca aatttaagca gcattttttt 480
tttccatttc 490

<210> 1119
<211> 538
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA449122

<400> 1119


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tttttttttt tttttttttt ttttttttct cgcctctcca ccaatttatt tgcccatccg 60
caggagggtga cagctcctgt ggtgtctgac ccccccaac tccgaagtcc agacaagctg 120
tccgcccaga atatgaggct gacttgggca cactagggga ataccccaaa ggcctgaagg 180
agggtgccact gggctgccag cacttcagga aggcacaggg cccacacccc cggagatcca 240
agctgcactg gctgacaggg ggcagggcgg ggggtggcga ggacacagtc cgtctgtcc 300
cagcaccggt gccaccctcc taagccccgg gcaggcagta cgtacatgcg gaccccgcc 360
ctcaaagcac gtttatggaa atgaacaggg tggggtggcc cgcgctcgcc ggtcacatgt 420
tggctcgttc ccgctgcagc cgcgagttgt aggcgcgaga cacggtgttc caggcgcca 480
tgtagcggtc catgcacatg gcgatgcact tctgctcgga gttgtccagg gagcccc 538

```

<210> 1120

<211> 413

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA449267

<400> 1120

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tgacagtgaataaatggttt tttttaatgt tcattacttt aaagcttaca tttaggaaac 60
tcaagctttg cttttctata atgggttaact tttccatatt atcataagaa tcaactttct 120
gattaatatt tctccctttt ttcttaagaa gtcaatagtt ctccatatcc acagtcata 180
gtcatttttg aggacatgcc agaattacca atgtaactgt gaggcaggaa aagtacactc 240
ccagggaagt cagagtaagc ctgtttccac cgcagcacag cagtgcagc agctaggcag 300
aattccagca gaggtaaat cagcatcaga gagagagttc cagccagact ggctttggct 360
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<210> 1121

<211> 503

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA449297

<400> 1121

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tgtaacacct cagggcgaag gcttgaagg gaaacaaata acactataaa tattgcactt 120
ctaaaatctt tttttgacat cttcacacaa ctcaattcta aaatatcctt ttacagagat 180
gtataaataa acgcttccaa gctgtcaacg cttgacactt ttagcttcct atcaccgcac 240
taagtgggca ggtttccaat cagatagctg ctctctgac agcaggcaaa gaacttccct 300
cagctatctc ggaggcctca tacctccatc atgtgaagag tcaaccagtc ccacttttcg 360
gaatgctctt tcagaatatg taattttata agtatttttt tttctactga gagaacatag 420
atctttcaaa ggcaatggca gaatacagct taaatggaca cagttcactg ttaacattgc 480
ttatttttta aggcattccag gag 503

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<210> 1122

<211> 490

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA449306

<400> 1122

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ttttttctga atgaaagcta attccattct tttatttcct cataccacaa acatttcaat 60
ttatctgcct ttttacaacc tgattttacac aagcaaattg caaacgaaaa ccaggcattc 120
tttaatcatc caaaatgcat gtataaaata tagaacaac cctagtattt aaacataaac 180
agggttagct gaagcagctt tattgcaatc tcttcaagtt agcatattac agttttaaata 240
tttatgcttg taaagatctg cataatctac aatacagagt tatttcagaa gcagttgact 300
taactagttg agaaaaaaaa acaacaaact tcaacgcaaa gctataataa tttatccgaa 360

```

acttattttac aattaaacat ttagggctct gatttacaaa actcagtgcc tttcatgatt 420
tattgatgag ttttatagag aaagtaagca gtatgtagaa tattccccag gtaaaatctg 480
gagtgaatgg 490

<210> 1123
<211> 500
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA449327

<400> 1123
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tttggaccaa tgagcgggac aggtttcaga tttgatacat ttcttagttt tctcaaatta 120
ctctgatctc caaaaccata aattgctgac ttccagggtac catcatgaat gctcaacccc 180
tcaggctcctg aatgtatagt caggaaactt tccacagcag tcaaagtacc attcatttta 240
tttctgggtat atattacttc cagatctgct ggaatggagt caaagccgct gcttccaatg 300
atataaaccc ctttgtctgc agctttctca tgatacttca gttgcattag ttccagaaac 360
tgaggttctc cactgatgtc gatacaactg gctccatttt caatacatgc ttttattaca 420
ggttctccat aaaaccgata tggctcctacg caattgagga caactgttga ctgttttagc 480
atttcatcaa gcgaggctgg 500

<210> 1124
<211> 306
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA449431

<400> 1124
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ggtttacatt tcttttttaa gttctttcat caagagtta ggtgccccca ttgccctcat 120
aagctgggtg caaattattt gactcttact tgtaaaaaaa atccttaatt ctttttgtgt 180
gtgagacacg tgttcattaa aaagtacata taagcaaaaa gaacaaaaag aagaaaacaa 240
ataaaatttc acaccacaca gaaataagct tggttaagtt tgtgatatat gttatatgga 300
tgtatg 306

<210> 1125
<211> 312
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA449448

<400> 1125
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attccgtaca cttttcttct ctctctctta caatatattg actggccaaa aaccaggga 120
aatgtccttg gactgcagtc attataaaat tttactttaa gcttatgaaa gcactcatgt 180
gaaaagcttc agcatgaagt gtaatcacca cattcagttt caaagttcaa atgcccattc 240
ctatgatggg taaacaccta ccatagcgca aagaaggaga gtgattgtgg gtaatgacag 300
aggaggaaaa gt 312

<210> 1126
<211> 309
<212> DNA
<213> Homo sapiens

<220>

<223> Genbank Accession No. AA449456

<400> 1126

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tttttttttt ttgaggatgt gaagcaactt taatcgccac cctcagacgg ggcagcagga 60
gtgtctttaag cacaggggccc ttctaccccc tgggagctgc ctggggccag cccctcagtt 120
ctggctgtgg caggttcccc atcctagctc cccggatctc catagggagt gtccagggac 180
cctcaatctc cagggccact tctgcaggag ctcggttcg aggttccacg tggccagaag 240
agctcaggtc tctgagggct ggtgtgcccc ggtacccatc cgcatactg ctctcctcct 300
gtccggcta 309
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<210> 1127

<211> 306

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA449458

<400> 1127

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cacgacaaaa ccattttatc ttcatgtaac ataactcttc agtgaacaga agtactactg 120
ttaatgtttt ggcctttcca aggtcctgcc tggggtcaaa acagtattca gagaaagagc 180
agattcttct ctaccttccc taaaacacac acaaaggtaa cttctatttt ctaaaatccc 240
attccaataa taattaaaaa aacaacagta agtccacgta gaggagagga ttgctgttgt 300
gttatac 306
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<210> 1128

<211> 388

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA449475

<400> 1128

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cctgggggtc gagttttaat cctgggaaaa agaactctggc cgctgggcat gccctgggac 60
tagcccgctg gtccctgggtg tgtccgaatc agtgcctcag tgcccgccctc ttctccagct 120
tcttctgtag ctctgccgtc atgtctgcca gcccggtgt ggggaagaga ggctgggctg 180
aactgactgg cagcttcctg cccaagccac cattaaagac tttgggctct ggaagagaag 240
acagatgagg ccaggtgtgg tggtcacgc cggtaatccc agcactttgg gaggttgagg 300
tgggtggatc acttgagggt caggagtctg agaccagcct gggcaacatg gtgaaacccc 360
tttctctggc ttgggtccaa cgggtggc 388
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<210> 1129

<211> 424

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA449479

<400> 1129

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gatacacaaac taccaaagtg gcctgtaata gacaccagtg gggcggtcac cacacagtac 120
ctgaaaaata cagctaaaaa aggaggagtc tgttgagtat ttaatttcag atctacttga 180
ctccttgttg aatggcttta agttagcata tagtgagtga gaggtagagt cccaagtata 240
atagctgatg cctcagggct ccatttaaaa acaaaacaaa aacaaaacca tttctccctc 300
tgcacaaggg aagcctatcc tatttttttt ttcctttgctg aaaacagaag ccaagtttct 360
cttctcaaat ggttcagcat tcccaatcaa aaagtgggtg tgtggttaacc taggtattgt 420
gctt 424
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<210> 1130
<211> 364
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA449828

<400> 1130
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tatcacagta ttatagtagc attttaaata aacatagaaa aatactacaa aataagaaat 120
acaaagacaa aagctaggta agatttttat ttactatgat ggggtgtgctt gcctgttcat 180
aagttcattc cagtctggaa cacaggaaga taatgctacc cgcataactg ctgcacaatt 240
cagcccattt ctttcctttg tttttaactg cgtaagatg gaaaacccta gttcacacaa 300
actagttggt gtgaatggta gcaatagcag gacactcttt ctacttaaca atggaaagtc 360
ttcc 364

<210> 1131
<211> 386
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA450114

<400> 1131
atgagttcaa tatttttatt tctttacaat gatttcagaa gagattacaa agagattaat 60
atacttaaag aatcagactc ttgcaaacag tgacatcatt aaaaagagct tattttcatt 120
aacatgtgat taacaggaag gagatgattg gtgagttttc ttcgtaacca ggttcactgt 180
ggataggaag ggctgcctt ccttcccacc atggagatcc taaaatcaca agctccagcc 240
tccatcaatg atgacaggtt taccagttac ataagcagat tcatcagaag ccaaatacac 300
gcagagcatg gctatttctt ctgcagttgc gaatcttccc gtcttttgtc tcttcaggaa 360
atcattccgt gcctcttcag gatttc 386

<210> 1132
<211> 431
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA450127

<400> 1132
gcgaccgctc actccccttc tctctctcct ctctctcttc agtctccaac gactctgccc 60
ccgatgggtc tcgtgggttg ggttggtttg ggggggttgt gctggggggg aggggggttca 120
aatattttat gtattttttg tttgtggcag caactcaaca gattctgctg ctgggaaggg 180
cctcagcggt cctgaagaga gatgtagggg acccactggg tgttgccccg gctttcttcg 240
cagtagctgg ccacctccac caagccgtgg ctcttccagg cgtccgtgtg agggttcgtg 300
accaggagac aatgcagggt tcgggcctcg gtgggtgccct gggctctcggc cggctctccc 360
aggagctgcg ccaggcgctg catgcccagc acccgcacga tggtgatgtc gttgtcacag 420
cagaaggact g 431

<210> 1133
<211> 452
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA450247

<400> 1133

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tttttgaagt tcatcatctt tagacttaag gaattaacaa gggtcaggga gactacacca 60
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gaaaaggcac ttggctgggt ctctctctgc cctctcccca tccgtgggag agacggggtc 360
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<210> 1134

<211> 380

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA450281

<400> 1134

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atatttggag agtaggtgaa gaaaatatag aacagaacat gaacatttta aaatgatatt 240
ccacccaagc tttatctttt tgctaaatct tgtggacact agaatatata ttcaagatgt 300
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<210> 1135

<211> 380

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA451676

<400> 1135

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gcgcgtaccc tattaaaatt caggacatct ccaatattct ctctctctgt ttttctttgt 240
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<210> 1136

<211> 446

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA451680

<400> 1136

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gagagtggcg gtcaggctgg caccagcact gaagccacca ctggtgctgg cactggcact 300
ggcactgtta ttggtactgg tactggcacc agtgcctggc ctgccactct cttgggcttt 360
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tcccagttgc agggcccggc agcatt 446

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<210> 1137
 <211> 147
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA451836

<400> 1137
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 aaaacctcat gacaaatgaa aattaa 147

<210> 1138
 <211> 427
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA451877

<400> 1138
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 gggaggctcag agatagcctc cccaggtaca gaatcaccca catcctggag catctccgc 360
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 ccccccac 427

<210> 1139
 <211> 452
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA451911

<400> 1139
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 atggtactgc attcacagaa agtaacactg gaatgggatt tgtgggcatt caaaatagtt 180
 acatttttta ttgttgagaa agaagatgca gaaaatgggt atatccagat ataacgatta 240
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 atttgaatgt ctccccctgca ttatgattac tctgattcaa ttatatattt tacaaatcat 360
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 ttccatggaa gaaatatatt aaaaagaaaa at 452

<210> 1140
 <211> 495
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA451992

<400> 1140
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 caagaacatt ggctggggaa cagaccaggg aattggtgga tttggagaag agccgggaat 180

taaatcacag ctaatgaacc ttattcgatc tgtaagaacc gtgatgagag tgccattgat 240
 aatagtaaac tcaattgcaa ttgtgttact ttattatttt ggatgaatat cagtggagaa 300
 aatggagact cagaagagga catgccagta gaagttatta ctttggcatc tattggaata 360
 ttatatctt agctggctga ccttgcaact gtcaaaaatg taaagctgaa aataaaacca 420
 gggtttctat ttatctgttt ttttttttta atgttgcaact tgtagtttca ttacaaaaga 480
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<210> 1141

<211> 224

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA452158

<400> 1141

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 cggggaactc gtccttactg aacacgatca gcaggcacgt cttgccacac gcgccgtcgc 180
 ccaccaccac cagcttcttg cggatggccc catgagcggc cggg 224

<210> 1142

<211> 460

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA452167

<400> 1142

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 gttttattcc acttgagcaa gagcaaatca gagccccatc aagcaggaat ggtggccttt 180
 cccagggtcc atccttaact aaactgactg ttcccccttc tgatttctcc acggtcttct 240
 gtctcttgct ctgccaaaact tgttttctta tctctgtaga gatgagtggc ttgtttgatg 300
 ttctttccat ggcaaaaatt tattcaatgc aaagtgcact tcagacactt ggttgagact 360
 tgaagtttag accaatcctg agatgcgtgg tgatcctgag agagagcaga ctgcctgcc 420
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<210> 1143

<211> 456

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA452259

<400> 1143

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 tttttttttt tcctctctgt tactccagtt tatctctttt atgttggagg cctcctcag 180
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<210> 1144

<211> 417

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA452454

<400> 1144

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gtttctggtc tactttgact ttcaaagtac ctccagcctc ctcatacgca cagcttttgg 180
atgacctcag cttgagtttc tccatatgtg catgtacatc tagcattctg cctacagttc 240
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cattttttac atagacttca gttgagatgt atacttagca aaattatttt taaattgaaa 360
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<210> 1145

<211> 263

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA452536

<400> 1145

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cagtaccctg gagaggaaag gtctcaaagc aaagtcacaa tgtagtggt taggaccct 180
ggttaaataa gactgtaata agtacacatg gagattgctg ggcccgtggt ccagtgttac 240
attgtaact tgaattccgc aca 263
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<210> 1146

<211> 367

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA452549

<400> 1146

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tcagaaatcc ttcggtcaag caggtcagct ggctcccatg gcccttgggg tggcctgact 180
ctgtcactat tcctaaaacc ttctaggaca tctgctccag gaagaacttt caacacccaa 240
attcatctca attttacaga tgggaaaagt gattctgaga ccagaccagg gtcaggccaa 300
ggtcacccag catcagtggc tgggctgaga ctgggccag ggaaccctgt ctgctcctct 360
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<210> 1147

<211> 366

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA452559

<400> 1147

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gccttactat aatgaactgc aaagaagtat gtatactgtt tgaaatgagg aactttatcc 180
aggcaaacat gggatgtcaa gagtggcctg tggtactgga gacaaggaat atcaagtaat 240
tgacatgtta cttgtctgtc agattttaag aatactgtta tttaggcata ttcaaagaaa 300
caactgcctg ttttaatagg gataagtata taacgaaaac atttaatatc cataccccc 360
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<210> 1148
 <211> 390
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA452598

<400> 1148
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 cccaagatag tgactggtat gaaaggagag ggaagagggt gacagatgga aacgattgct 180
 gtaggacagt ccatctggcc agatgcggtg cgggagggga gaagaagtgg gagagagatg 240
 gttctacaga tgctcccatg ggtaaatgat ggggtgcatcc ctccctgcag tcgggctgtg 300
 ctgtacttca cagtcctcta agaggtgtca ttcaggccac ctcactcagc ctatgcccac 360
 cccactcac tttcccttc cttatgggct 390

<210> 1149
 <211> 476
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA452724

<400> 1149
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 aagcaaagca cagggaagca gaaatgagaa acagtatctt agcccaagt ctggatcagt 180
 cggccccggc cagggttaagt aacttagcac ttgtaaagcc tgaaaaaact aaagcagtag 240
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 gtttaataga aatccttaaa aaagtaagcc acaaacaga aaagacaaca acagtgaat 360
 tcaacagaag aaaagtaatg gactctgatg aagatgacga ttattgaact acaagtgtc 420
 acagactaga acttaacgga acaagtctag gacagaagtt aagatctgat tattta 476

<210> 1150
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 <212> DNA
 <213> Homo sapiens

<220>
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 gacagtggat agaaaaccct tttaaacttt aagtaatgtc ataaaagaaa tatattaaac 180
 aagcaacaga cagatctaaa aagttccaag tgtggatttc acattagatc ttataaatta 240
 aaaaaatcct caatataatc atttgttcac tatcttcttt caataagcac atggacaggg 300
 aaagataatc acaccttaat attcacaact gctatttgtg ttctttacaa aaattgtatc 360
 tctgcaatgc agtgaggcag gcaatccctt gttcaagtca tttctgttt 409

<210> 1151
 <211> 344
 <212> DNA
 <213> Homo sapiens

<220>
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<400> 1151
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 aactatccca gagcatgtca attctattat gaaagtatta ctttgacatc atataaccaa 180
 ttattaatag aaaacacaca tgccaaaaaa ccttaaattt tgtaatcttc aagtcaatca 240
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 aaacatcata tgcatttgta atgaggcaca gcaatcaatt tttt 344

<210> 1152
 <211> 279
 <212> DNA
 <213> Homo sapiens

<220>
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<400> 1152
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 aaacgaaagg ggggcagaac agacagaccg acagaaggga cccgggaggt gggggagaag 180
 aggtgggcag acacgaaagg aaacacactc tcgcacacaa agaaaagtcc cagagaaacc 240
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<210> 1153
 <211> 267
 <212> DNA
 <213> Homo sapiens

<220>
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<400> 1153
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 cccatcactg gccaaagaag tcggggcatc ttcctttcac caagtgttca actttggagg 180
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<210> 1154
 <211> 355
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA453628

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 tctgaattag caccattagt tcagaaatca cagatgtaat tataattgct tctaataat 180
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 aaaaatcaat cagaattttac catttgaaac tgggtgaaaat ggtttaaaaa tggatccagt 300
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<210> 1155
 <211> 510
 <212> DNA
 <213> Homo sapiens

<220>
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<210> 1156
 <211> 452
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA453757

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<210> 1157
 <211> 419
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA453770

<400> 1157
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 aaattatgaa aaccaatcca ttaagggtcc ctttatatat attatataca ctcaacaag 180
 tcaagatttt tcagagtaga agaataaagt cgactgttat agcttagaaa gcaacactac 240
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<210> 1158
 <211> 310
 <212> DNA
 <213> Homo sapiens

<220>
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<400> 1158
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 taaattctta aatgccataa tttttgttca actgctttgt cattcaactc acaagtctag 180
 aatgtgatta agctacaaat ctaagtattc acagatgtgt cttaggcttg gtttgtaaca 240
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gccaccaaac

310

<210> 1159

<211> 487

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA453917

<400> 1159

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atggcagtc tggaggcagg gggtgagggg cagggtctagt gttcctgcac caaacctaag 180
tccttcacc tgccacccc ttccctggga gggaggtggt cctcctatct ccctggctca 240
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ccgccacct cccctatgct ggtagatgct gagggccccta ggtgccagg gccagtggga 360
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<210> 1160

<211> 316

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA453988

<400> 1160

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aagtataaaa ttctgaattt tcatgtcgag tgtgagccaa gttagaggaa ctgggccacc 180
tgcaaacacc tccctccctc catgggaagg aatctgaggc ttcttaggtg accaggagcc 240
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<210> 1161

<211> 419

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA454086

<400> 1161

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ggatgtttta tgcaaactgt acattctcag cagagcacia gtatcaaagg gacattggat 180
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gagacataag aaaaaagcag acagaaaaca aaaaaaattc ttattttaga atgatgctat 300
atgtaacttg taaaatattt aagtttttat acatgagatt atattggttt cttattttaa 360
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<210> 1162

<211> 438

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA454159

<400> 1162
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 agaagaggtc aaatggacag gagagagcgg agattgggtg ttctcagggg ctcttccct 180
 ttgctgctt ctttcatattg ggacgccaga ccttgacctg gaagtgaggt cactattggg 240
 cagtggagtg tgagaaagga ctttggcctg ggggctgcaa gttacagatt aacacgggga 300
 ggggtgagga gggaccaga gggaggaaag gtggccagag gaaggacag ctgacctggc 360
 acaatctggg cttgaagggg gcacaacaag agcgtctgtg agctgggtgct gtctggaggg 420
 atcttggctc ctctccgg 438

<210> 1163
 <211> 265
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA454170

<400> 1163
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 atctgtctct ccaagttgga ggctggggca gattttatat acagagggta gtgagggcatg 120
 atatgattgg atcttgtaat gaggggattc aggaggcttg atctgactgg atcacgccag 180
 ggctcaatct gattggatca aggatcatgc cacgtgggtg ccaattctta actcagtccc 240
 tgttcctcag tctgagcact taggt 265

<210> 1164
 <211> 412
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA454177

<400> 1164
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 taggttgaga aaacttgagc aaaattagtt ttatttaggc ctgtggttta aaaatattga 120
 gatacaagag tttttttttt tttttgagat ggagtctcgc tctgtcgcgc aggtctggagt 180
 gcagtgatgt gatctcggct cactgtaacc tccgcctccc gggttcaagc gattctcctg 240
 cctcagcctc ccaagtagct gagattacag gcgagtgcac cacgcccagc caattttttgt 300
 atttttagtag agatgggggt ttaccatgtt ggtcaggctg gtctcaaact cctgacctcg 360
 tgatctgccc acctcggcct cccaaagtgc tgggattaca ggtgtgagcc ac 412

<210> 1165
 <211> 559
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA454184

<220>
 <221> unsure
 <222> (1)..(559)
 <223> n = a or c or g or t

<400> 1165
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 caccctccag aagtttcctt caagccgtac cttcagggtga aggtcagcgc acactggcca 180
 cccgggacca cattttccag aatcctttgg cgggtcccgc atgctctcgt ggtcagcagc 240

tctcattggg ttgcagagga gaaacttgtc cgtgtcactg gggcatctta acagtcggct 300
 cctaagcttg gttgtgtgcg ccgcaacnng tccgcgcacg cctgaggctg ggatgccgcg 360
 ctgcctcgcc ggcgatctgt ctgagttttc ttcctcctgg ggtttcttcc tgctgggtgga 420
 ccctccgcga atcccggcct ccggagaccg tcctggtaaa tgccctggcc aggactgggtc 480
 tcagcccaga ttcagacgca cgatcacaca gggctcctac ttcgcccctc gtgccgaatt 540
 cttggcctcg agggcaaat 559

<210> 1166

<211> 434

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA454597

<400> 1166
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 acatgagatg aatagagact ttattgagaa agcaagagaa aattcctatc aaccccaagg 120
 aggactcaaa gtgaggctgg aagaggactt agaagagtat gaaagtactc taagatttta 180
 tctaagttgc cttttctggg tgggaaagt ttaccttagt gactaaggac atcacatatg 240
 aagaatgttt aagttggagg tggcaacgtg aattgcaaac agggcctgct tcagtgactg 300
 tgtgcctgta gtcccagcta ctcgaggagtc tgtgtgaggc caggggtgcc agcgccaccag 360
 ctgatgctc tgtaacttct agggcccatc ttccctctcg aaaataagag ggttggatca 420
 aacgatctct gggg 434

<210> 1167

<211> 297

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA454667

<400> 1167
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 agtcatagtt tggaaattta gttacagttc agttctatgt ggtttttatg ctactcagtg 120
 tctgagaata caaatgtcat ttaaagttaa ggcttcgctg ttcattttga aacaacaatt 180
 tacaagtgtc atattgtcat agaaaataat aatttctgta aaaaaaatct gcacaaaatc 240
 ttatgatggt acaaaacatg aagcaataat ataccagtaa aatgaaaaca ttttact 297

<210> 1168

<211> 82

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA454710

<400> 1168
 tatttttgac ctgtacaata ggcactttat tagtggttgg aatgcagtta cacgcagggg 60
 tgtgcagacg caatgggggc ag 82

<210> 1169

<211> 386

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA454733

<400> 1169

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ttgatatttt aacaaacgtt cttttattag gttactgact attatcaacc atcataaaat 60
agaacgggag tttcaaaact gtacaagcca caaggtctgg gctggtagga aagaagggtg 120
gggtcgaggg tcccagggtg tcgggggggtg ggagatgcag agagagctag agggtcaccc 180
ggcatctgtg aggacggctg ggtcaaggcc ataagctggg atctgtacaa gggaaacatt 240
catcagaatg tgaccacact gaaacaggag ggaggaaaaat ctttaaaagt cttacaggta 300
agggtcccctg ccccgaaaaa aaaaaaccgt caaaataata agggggtaat gtacatttct 360
caccagctct tggcaccaat tttgtg 386

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<210> 1170
 <211> 194
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA454830

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<400> 1170
aaagaggcac gatctgattt atcagtttct aggaaacacc ctctgggagg aaggcaggca 60
gcgcgcggcg agaccttaca accgcccgtt aaccggggag gggggccggg agggcgccctc 120
gggtctcaag gcgcggggag ggtctgcggg ccctgaagggt ccctgggtcc gagccacaag 180
tcggggcgaga accg 194

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<210> 1171
 <211> 379
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA454908

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<400> 1171
ggaggaggcc cctgtgagcc cactctggaa cccttcctgg aaccctccct actctgtccc 60
cctacagaca accaagcact aatcccccta gtaccaagaa aggggagcca ggatttagtc 120
ctggcccagc ccagagctgg gacctggagc acgatctgtt gacttccctg ggtaggacac 180
tgccacctct gggctcaggt cctcatgcct ccaaattggc tctagagttt gagcagcctt 240
cttggtctgag gcaggcctag cctgtggagc gggctagggc caggagcatt tgggtccccct 300
ccatgttgca atgcaaacac cttcaccact ggggcagtgg ggagagatgg ctatattaat 360
aaaataacgt gtgtctttc 379

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<210> 1172
 <211> 394
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA455097

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<400> 1172
tgtaaggacc agatatagcc ttttaattcct aatgttcaaa aacaatcctg tcttctaaat 60
cacaactttt cgagttacaa gattttatcca cttcaaataa ggataccttt tataaagtac 120
tttcttgtgg ttttacagat ttcaagggtg tttctacgtg cttcagcaat tctcacaca 180
aaccctcagt gggtcagggt cttctaagat taaaatgtta acaccaatgc gtgtgaagta 240
cagtgaagta cagtgaaggt aaggctcagt ggcaaacgtt aaagaggccc acacaacaca 300
ccagggatca gagccaggtc aaattcttgc tccccacctc cccccacct caagaagaaa 360
tttatttttt gtttttattt ttagaaacag tctc 394

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<210> 1173
 <211> 308
 <212> DNA
 <213> Homo sapiens

<220>

<223> Genbank Accession No. AA455111

<400> 1173

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gagggtacacc aacactggga gctgtttaat atattcatct tacaactgga tgctaaaaat 60
gcaatcactg taattaataa agttgaggaa aacacaaaga ttagctaaca ggggtaaaag 120
atcatttaga gtaaaataaa tgtgtacatt ctctatgttc tcaatcacct gggaaggcag 180
tctatggaat atcaggaagt aagagttttc ttgttttcag gaacatggag gtatatacac 240
ttcagaattc agaaggtaac tggggctata aatagtaatt aaaagaacaa aatagaagca 300
gggggggtt 308
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<210> 1174

<211> 411

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA455239

<400> 1174

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cttggcaggt atacttttaa attcttcaac cttttcttta tctttttgaa gttgtttctc 120
cagttttttg gctttactcg tggcatgttt taacttttct ctaacttgaa catcttccaa 180
atctagctgt gtaaatTTTT ctttattctc ctcaataaat tttgtaattt tattcagttt 240
cttttttgta tcttttacat ctttattctt agctttcatt tcatttgata gtatattgct 300
cttctcatta atttctttgg tatcttcatt aattttttcc ttttgagttt ccatttcagc 360
aattcgtttc tgcaactcat aaatataata ttgacaaaaca tgattctttt t 411
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<210> 1175

<211> 427

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA455261

<400> 1175

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accagataaa tcatctaaat aaatagatgc tatacagtct cttaccaatg tcagtacaaa 120
aataaaaccg cgctctacat ccactctgac tctcccagca cacacacact cagcaaaggc 180
atgtgcttgg aatcaactcg tgcccccgac ccctcccaga tacattcatt tagtctgaac 240
aaagctcgaa gctcattctg tgcaaaggaa gcgctcttgt gctgagacct ggtggccgca 300
gctggccact tcgaaagcaa aagctaaacc acctcacaga agcacagcgc ctgccccag 360
aacaagggga caggaggagc ttggcaacga ggtcatcacc cgaacagcag tgacagtcct 420
gcattcc 427
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<210> 1176

<211> 185

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA455367

<400> 1176

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atataacatg aagggaagca taactttcag aagtcacaa agatattatc ctgttgctct 120
cattttctta aaccattaaa atattttcat ttataaaaaa taatctaaat ataaatattg 180
acact 185
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<210> 1177

<211> 443
<212> DNA
<213> Homo sapiens

<220>

<223> Genbank Accession No. AA455403

<400> 1177

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aagtacagtc attctctagg atttgggaag ctccttgac ttggaacagg gctcaggtgg 60
gtggagcagt aaggcactac ccagagagct tgctgctgcg gccctgtcct gcggcctcaa 120
agttcttctt tactatatat aacgtgcggg catacctttc ttcgttggtg gcgggacgga 180
agagcagagg gagcatggcc aggggtgttg aggccagcgg tgagagccgt gttagccaag 240
acatggaact gtgttctcaa gggttatgtg gggcgtgggc tctcatagtg tgtatgaaaa 300
gcttggtgac tctagcggct cacagaggac tttgctgggt ttctttgtgt gaatatctcc 360
gtgctgacca tgctggaatt ggatgattct gcaattcggg acctactgca ggggtccggt 420
tagtaacgtc ttgtctgtga tct                                     443
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<210> 1178

<211> 342

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA455521

<400> 1178

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ttaaaaacaa actacataaa cagatctttc ctataaccta ggaaagtggg atgtcagaag 120
tcaacaaaat gtgataaact taaagtgtta aaacagaagg cacttcacaa aatctgttca 180
ctgaaacagt tatatatact cgtttacatc cttcacttta caagtggcag tgaacgtctg 240
tttgataga aggacataca gaaatacagg cagtttagtg gcagtaaaaa tataagacaa 300
gtaatgagtc cttggccaac ttgtttttga tgacctgtag tg                                     342
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<210> 1179

<211> 240

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA455522

<400> 1179

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gaagttcatc atcttttagac ttaaggaatt aacaagggtc agggagacta caccaggctg 60
agggtctctt ggttcctgga gacatgccca gctacagcaa acacagggaa acacgaacgg 120
gacagctgga agatttggac ttgaacttgc gccgctgggt aagtgatgat cccacgact 180
ggagcagcag gaagaagttg tgtctgagga agtgctgggc cgcccagagg gacagccctg 240
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<210> 1180

<211> 333

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA455865

<400> 1180

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cacaagaaaa caagtcagca agctcttaag agggcagcaa attcttcaca agtcagaggg 120
ctcttgaacc cacaaaaaga caagaagtga gtgtaagatt ataaaaatgtt aatgatgaaa 180
ttccagaaca atgtactttt ctcaagctct gctgcaaatt taacacaaac atcagtgtta 240
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attacacttt gtcattgtatg actgagcttg ctttaagctc ttacactgaa aggaagtctc 300
 atttcatgca caaaatctgt tgcattgctg gct 333

<210> 1181
 <211> 416
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA455896

<400> 1181
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 ctgacactga gcggtggggg gaccttgtgg aggaaggaca cagcaggctt ggccactgcc 120
 ctgaccagtg accactcagg gctgccccct ccagagatga gcgtagggtg gggctctgagc 180
 gccacccta ggccgtctgt gtgcagcggg agtgctgctg tctggcgcc cggcatcact 240
 gtgccagagt cccagccca ccctggcact ggcagggtta ttatggggtg gacttgccctg 300
 tgttgggggc tctgatccc aaaacatcta aagtcagggt ccagagaaca agccatgggg 360
 acctgaccag caaccgggga cctccgtcca ctgtgcggga cggtgatgaa aagcaa 416

<210> 1182
 <211> 393
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA455962

<400> 1182
 gcaggttccc aataatcggg aagttaataa aatgaatata ttttgatggc agaattgtga 60
 aagacaagaa actaataaaa agtacttggt tttagctgga actagcattt ggaagtaatg 120
 ctagccagag gtaatttcca ctgtgaaatg cacactcaaa gtcctattgt aatattattt 180
 taagggtctt aggaggcccc tcagaggaga ctgcaaggtc agggctagag tatgagaagt 240
 cctaagggtt tttgtatttt gttttttttt tcctataaac cctgagggtg aaagctctgg 300
 atagctcacc taaattactt tcctctaate taaccctca cagcctgaat ttctgagtat 360
 tgcttgacca gtagtgacac attcctgagg cac 393

<210> 1183
 <211> 346
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA455987

<400> 1183
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 gcaatgatag attttacaaa ttaaggcatt gttctttatt tcaaaatttt catttaccta 120
 tattttcctt ggtcttagaa atatgaataa tttagagctg gcaatactca ccatcaggat 180
 ataataaacg gaggtttctt tgtctgaaat ccataaaatg tagtaatact ctattgtact 240
 tttaaaaatc ctatttttgc agttggcttc ctctcagtga attagttagg tagttttggg 300
 acatttgagg ggtcataaac atgtcataga aagagtactg gcatta 346

<210> 1184
 <211> 315
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA455988

<400> 1184
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 tctaaaaagt tgacattgta tatgattaca aagtaaagag tactcttggt agagaagtta 120
 catgttcatt gttaaggaaa ttatatgtaa atcacaaaaga tcatgggtctg tgaataatgt 180
 gccatatctc acaaaatatg gtcattggaa tcttattaaa attatctaca ggtgacttca 240
 gtttccattc tccaccctct gccttaagat acgaagcctt gacatgacca catccagctc 300
 agcataagct ccttc 315

<210> 1185
 <211> 321
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA456055

<400> 1185
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 tttccatata gaaattaaaa ggtagtaatt caagacccca ttgccactat ttggacttaa 120
 ctactgcact acttaaagat tttattgtat agcttggaaca aaggcacaag ctttatggaa 180
 gagcaattct gggtaataat tacataatga cattggggct acaatacagg taatgaaact 240
 ctgcttcttc agagacagca ccccaggaac actttcattt tctctttaag cataggccat 300
 tttctcagtt tagacaacag c 321

<210> 1186
 <211> 448
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA456075

<400> 1186
 aaaatgtact atttttaatg ggtgtgcatg tcaggatttt ctttagaaat aactgggtct 60
 ggtctaattt atttaagcag ggcacttta aagtatccca ccctacccca ttccaccccc 120
 agtggacaga aaggaaattg actgacttga ggggatgcag acatctgggt tattccaaca 180
 gaccagtggg taggaggagg ggggtggtag cattatggcc tcggcagagc cccccaccct 240
 gagcctctga aagctgactt tatctgtaag agggagggtca ggctcgcctt ctcaatagcg 300
 tgtatttgga tgagatgagt ttcttctgta aagagaaaaa gatgttaaaa cctcattgtc 360
 taaggccctt catctgagaa gtcttgtctg accctctagc ccagcaggac caaggtgtgg 420
 tgcttgggtcc cagcctgtcc tctgctcc 448

<210> 1187
 <211> 388
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA456080

<400> 1187
 ttgaattttt ggcttattta tttaaaaaaa gtcaacctta tacataaata gaataaaaaac 60
 aagaactcta aacaatcaca aatgtctcta caaaataata aatatcatgg aagttaaaca 120
 tacatataaa actttactat taaactaatc tctgtatgt atatttttat accctgtctc 180
 cccaacaaa aggatagtg caccatgtca aaccatttaa gtcttgagc gtatgtaccc 240
 tctgttggtt ctgctacatt cttaaataaa ggttctcatt gtgtgttcct atacctaaat 300
 aaaaaacagc taggaagtgc acttctataa tccaaattct ggttcagtta tgatcatatc 360
 tgtacctgcc ataatatata gcagaatg 388

<210> 1188
 <211> 433

<212> DNA
<213> Homo sapiens

<220>

<223> Genbank Accession No. AA456147

<400> 1188
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cagaaatgaa aaatcttaac ccaaataata ttcatttgac agtcacataa aatttttagat 120
ttgattgggtg cacacattta tcctgcataat atattatgta tatgcacaga gagacctcac 180
tattatgccca ttgttagggg tctttttttg gaagtacctc attacaaggc aatgtcaaag 240
gttccagtaa ctactcaact ttgaatgaag ttcaaaatgt ccccatgcta agctgagtct 300
gtgccatagc aaaccatgat atagcaagtc tccagaatgt gtacaaatca atactctgtt 360
tgtataagtt ggtctaaaac taaacactgg ctaatgtctc caacaaggag gaacacatta 420
caaatttata agt 433

<210> 1189

<211> 397

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA456289

<400> 1189
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aggggaaggc aaagtatgct ggctggctat aggaagtgtc accatacact gacaatcaca 120
ccatacaaca gcgccaacg actattcaac cacttatcag acacatatga aaatccaaaa 180
tgttttatatt tttttttttt tccttaaata gagataacca gtaaacaatt ttcagaactt 240
ggaagtttaa aaacgtgcat ataaaaatgg gcattatata ctttttattg aatgtggatt 300
gactgcagtc tgctaagaaa aatgggggtgt gggagctgaa gaaaaaggaa gttgtctttt 360
tttttttttta aggcttgctt gtgaaaggaa cagttgt 397

<210> 1190

<211> 421

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA456311

<400> 1190
tacagtggta aagcagcagt ttttatttat tacaaattct aaaaaagaat ccaactttat 60
aagtaaaaaag gaacactgat gatcacttaa aacattttaa tttaaaatta ctactaaaaa 120
aaccctgtac attcacacaa gtccaatgcc tttgttggtt tttacagaca tagaatttct 180
gtaggggtttt gggccctatc aacaattttt attaatgtact gcaataacaa aatacagcaa 240
taaaacaact ggacactcct aggggacacc aaagataaag ggcccattaa tcaggtgtag 300
gccagagaaa cccaacctgt tggcaatatg acgctctttc ccaactgggt cttgggtgaga 360
cacgtggcac agcaaggctg tcagtgcattg tgcataaatt gtagaccagg tcccactatg 420
c 421

<210> 1191

<211> 440

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA456326

<400> 1191
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acattatgta tatatgtata tatatgaatg tatgtacgtg tgtatatata tacatatata 120
 tacaggaaac caaccccttt tcaacttttag ccactgatga gctaggccca ctgtctagt 180
 catgactcac tttctacttc ttcataaggac caattctaaa agtaaaaaata aacacccttt 240
 atcagtttaa cagtaactaa ttgtgtttct tttttttaaa taaataaagt tactattaaa 300
 ctgatcacat atggtagaaa cgtagaactc acacacacac cagcacacac agtccccaat 360
 ttaaaatgtg atgtatgaat gacctatatg taaaaatggg tgctgctgac tccccaccc 420
 caagcagagg ccatgaaaga 440

<210> 1192

<211> 379

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA456415

<400> 1192

aatgtgcagt caagtttctc tctttttttc ttctaggaat gataccatgc cagtaaattcc 60
 ctacagaaca tttccagttt ggcaacaagc agtcagtcga tcattcacat ttgtactcaa 120
 gacagcaggc ctgggcaaaa ctgcctgaa ttccaccctg aaaagtgtct cccatcatct 180
 gaagaagcag cacctggtaa caggcatggc cattcagagg gtacttagca ttttcatttc 240
 acctggggtc ttgaagcact tcctgaaaac tgattgtgcc ttgacattta cctgtaaaaa 300
 gaagtgtaat tctaccctt tggcagatgt gtaaaactaag acggtgcaag gccacagaa 360
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<210> 1193

<211> 196

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA456583

<400> 1193

cagagaactg ctttattgat actgcgagcc tgggcttggc tgccactca agtggctcctg 60
 tagaaaatac ctgggagctg gagctgttct ggtccagaag cagtcaccgc cacagcagag 120
 ggaaacaaat cctgacagga acagtcttct tggggatggg cagggatgtg cagccccagg 180
 tcggctcctg catttg 196

<210> 1194

<211> 317

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA456589

<400> 1194

agtataagga taagcaagct tttattccgt caagagaaca aaggtcagga cttttatcct 60
 ggtgggggga tggggagtc agattccttc tctgatgagg caaaaaaaga atcaagactc 120
 ctgttcaagt aaagggcaga gggtagagc tagtactctt attctagaaa ggaagtagat 180
 acttttcttt gataaaggaa tgaacggtag actcctagtt tgcagaaaag gtgggaaaga 240
 tgtgacttgt actttggtaa ggagataggg aaggaattaa ggctattact ctgaagaaag 300
 ttggggggcc agggctc 317

<210> 1195

<211> 427

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA456612

<400> 1195

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gtgacggagt catcccagcg gcactggaag aaggacaagc cggctggagt catggtttct 120
tggtgtttct tgtagaaatc aaaagtgcgg aaggtccgct gggccagctg atagcagggt 180
gaggggctg cgtcctcaga gaagtcaatc ggctgtcct gcttgaagag caggaaggca 240
agacggtgga tgccggagcc tcgggcaggg aaggggggga ggtagggaca cgtcacctgt 300
ccttcagcca cccggttacc cgggatgttg gttagcagcc agtggaggta ctcagcatct 360
ggctccagca ggtgcccata caagctagtg agtagcaacg tccacaagga gccctcttct 420
gcctcat
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<210> 1196

<211> 382

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA456646

<400> 1196

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ttttaccaat taatctttta ttttttattg catacatcaa tatttaacag aagaaaaata 60
aagaaccct aatgttaaac tgaattacat gttatcttct gattcttttc aatgtagacc 120
taaattttca catgtatcag taaacacaat ttatgttctt attaacattt ttgaatctca 180
cttttttgca tacaatttga catatatcaa tattattgaa tggctatata acattctgtg 240
atagcactag caatacacca aaatttactt aaccatttcc aatcgttggg cttttttccc 300
ccttaaagtt atctgagtgg aactgctaga aaactttgta caaatagctt ttctttcttt 360
taaatatttt cctgggcata tg
```

<210> 1197

<211> 342

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA456687

<400> 1197

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ttttgtgatt tttgaatgca cgtgcgcagg aagggtcctt cttagagaag cagtcaaaact 120
gtgaagcact aagctgaccc tgcttcaagc aattttgttt ttacaactgt tccttttcaca 180
agcaagcctt aaaaaaaaaa aaagacaact tcctttttct tcagctccca caccctattt 240
ttcttagcag actgcagtca atccacattc aatgaaaagt atataatgcc catttttata 300
tgcacgtttt taaacttcca agttctgaaa attgtttact gg
```

<210> 1198

<211> 381

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA456845

<400> 1198

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acttttaaac ttgtctctaa cttagaaaat tttttctaaa tgtatcgatt agtgtaaaga 60
aaaagtatga gtagttaata aatctgacct attatacaag aaatgcaatt ttgaaatacc 120
agattttcat tttttgtact aagtgtatct cattgtaggc aataaaaaat tgcatacacag 180
gcatcaaaaag tgggaaaaaa ttgttccttt tatcaaccaa atagaaactt tcaataacat 240
actttgagtg ataaaatggg gatgtcttac atttaccatt atagagaggc cttgtgggta 300
gaaatttaaa aagtgtttta agatgattaa gcatagacaa ttaaaagaaa cattatatct 360
cttgggtattt ttctcaagac a
```

<210> 1199
 <211> 211
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA456852

<400> 1199
 caggtgacgg gaattaaata acttttgact ttatttcact agagataaaa ccagcagcat 60
 cacagcttg tccccctgg ccccccttg tcctccccac ccccaactct tctgcctaata 120
 gtcggtaaatg ggggcttcgg gatcgggacc ttgagcgctc tcgagaagag ctgtattctc 180
 gactgtatcg gggggagggt gagcggctct g 211

<210> 1200
 <211> 355
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA457235

<400> 1200
 aagtgcctaa gatggtgttt aatacagcag ggagccaaga tacagtagta ggacacagta 60
 aagaatgtgg agtgtgtaga tacaataaag aattcatttt atgatctgcc acctgttact 120
 tgacagagga gtaagttagg gaaataaatg actcagttct tcatacatgc aaaggtaagt 180
 tagttattac aaaagttttt gctgttggtt gtgtgaaaag aaaagcatat gcatttaaac 240
 attttttaaa aaataaatca ctcaataggc ttaagaaaaa tacttttagtt catagtctcat 300
 tgatctgacg ttttgattta agatcagggg atgaatccag gatgaaaacc aaaga 355

<210> 1201
 <211> 379
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA457377

<220>
 <221> unsure
 <222> (1)..(379)
 <223> n = a or c or g or t

<400> 1201
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 cctaccacac gctgggctac gaggacctgg acgagctgca gaaggagcct cagcctcttg 180
 tctttgtgat cgagctgctg cagggttgatg ccccgagtga ttaccagagg gagacctgga 240
 acctgagcaa tcatgagaag atgaaggcgg tgccgtcctc cacggagagg gaaatcggct 300
 cttcaagctg ggccgctacg tagaggcctc ttccaagtac caggaggcca tcatctgcct 360
 aaggaaacctg cagaccaag 379

<210> 1202
 <211> 358
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA458652

<400> 1202
gttcctcaaatg tttaattttt taaaatagac aactaccttt ataaatcata cacctaactt 60
aaatgttttt ttccaattaa aggcctgatct taagaaagct caggggatag caccagaaga 120
taaaggtaag ttggcagctt ttgtagtgaa agttaatttt gttattttaa tactttatcct 180
caggaaccat tgttcacttt gccagatttt agatgtttgt tcaacagaca ctacagaatg 240
cctgctgttg ggccaggcct tatcatatag caatgaacaa gacagtcaaa gtccctgccc 300
tcaaagagct tacattctac tccattcaa gaatatagta gtttttcacg ttatttat 358

<210> 1203
<211> 375
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA458852

<400> 1203
ttagcagtta aactttttatt ttactgttta aaatttttat ttactttttt tgtttttctt 60
ttctacaaaa ggcaggtgat gattgttgat ctgcaactat tgtgttgtgc actccccgaa 120
agggtcagag taggaagcca gggaggtgct tctgaggatg ctttctatgg agggaataag 180
ggctgcagga cactcactgg agggagtgtc tgggcccttc tctgtcctc ctccagccttc 240
cctagctcat gtctatgggt ttgaagacc attctgtgaa cttcttcage ttgtccgagg 300
cgttctggga ctctcctgt agcctcaggt tgcctctcg caggtgctgc acctccgct 360
gaaggtgagc tttgt 375

<210> 1204
<211> 369
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA458878

<400> 1204
ttttttttt aaagttttca gactttattt cacagcgatt gacacagaaa catactagag 60
ttagtaacac ggcacccagc cccaccgccg cccgcttcat cgggtcctgc tcctaggagg 120
actgggctgg ggctgggggt ggggatggga tgggggtggg gaagggacgg gacgttgacg 180
tttaaggcat ttctggcttc ggagccatcc ctgccacctc tgcacctgcc ccttgacctt 240
ggtcagacac tggctggccc ctgggtcatc tgagacaagg acgactttca ctgacgctgt 300
ggggaggatt tgcagtgagg cagccctcag ccgctctcag gcgagatggg aaagatgaga 360
cccaccact 369

<210> 1205
<211> 233
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA458882

<400> 1205
ttttttttt ttttgttttt ctttactgtg ttctatttaa tgctgaaatc agacaatgat 60
tagaacatga aactttgttt gaaaaagtat attcaataaa ttttgattt aaaacagagc 120
tcttgacctt taaagtataa aaagtaatta caatgaaata ttcttcagta aatctgacac 180
tttgggatcc caggcaaaaag gatcgcttgg gtgccaaag ttcaagacca gcc 233

<210> 1206
<211> 399
<212> DNA
<213> Homo sapiens

<220>

<223> Genbank Accession No. AA458890

<400> 1206

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tggtttctgc tcagttcttt attgattggt gtgccgtttt ctctggaagc ctcttaagaa 60
cacagtggca caggctgggt ggagccgtcc ccccatggag cacaggcaga cagaagtccc 120
cgccccagct gtgtggcctc aagccagcct tccgctcctt gaagctgggtc tccacacagt 180
gctggttccg tccccccctc ccagggaagc aggtctgagc agcttgtcct ggctgtgtcc 240
atgtcagagc aacggcccaa gtctgggtct gcgggggaag gtgtcatgga gccccctagg 300
attcccagtc gtccctgtcc tcatctacct gtggctgctg cggtggcggc agaggaggga 360
tggagtctga cacgcgggca aaggctcctc cgggccctc 399
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<210> 1207

<211> 418

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA458923

<400> 1207

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gacagtttaa ctctttattc tccttcacag cccagcagac cccaaggcgg gcagaggggtg 60
caggccgtcc ccaggatgct ggtcatgggc cagggtcatc cttgcacctg cggcagtagg 120
ggcagcagcc atgctgaagc accagcaact catagtcttc agaatggaac atctggaagc 180
aggaggggca catggtaatg gaggcgtcag gcagcagtga gcggaagtat tgccacctca 240
gggggtgggg ccctcgcttg atgaggacat cccggcggct catggagcgc acacacagcc 300
ggctcaccac cactggcacg aaactctgag ccaccttgct caaagctcag cttagctgtg 360
aacgggtcct catctccgat ggagtccttg gtctccacta gccgcagaat ctgggagc 418
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<210> 1208

<211> 413

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA458934

<400> 1208

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ttttttttta caagaaaaat tgttagtttt attggtatta cagtgtactt ttaatacaag 60
ctaaatacaa acacaattct tacatatcca gccacttatt ctgcaaaaaca acatgccaaag 120
atcaaccttg aaaagtttat aaaaacccaa atccagaaaa tatcttcctc aactctaagg 180
actccatata caaatgcaaa aattgctatt tgtcaataat cacattaagt gttgagttat 240
tgactgagca gtaaaaaaca atttctgatt tttaaattaa atagctccag ataaaagcat 300
gttatttttc acatacgcta tctttgtatt ctgcacagag ttccaaggca aagattgctc 360
ctggctttat gaattaccag agatgatgac ttgtgtggct gacttatcac agg 413
```

<210> 1209

<211> 395

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA458946

<400> 1209

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tttttttttt tgaagttaaa ggacacttta tttactgaca gattgaaaac tgtaactcca 60
ggtagtgcaa aatgcaccac aacccaatta caaagaacag gtgttaacac acaatgttta 120
aacaatgcta cactcatttt tggcaaaagt ctgtattggt cagtctgtgt acaaaactga 180
ccatctatga accaatcagt ataaaaaatt tctataaaaa caaaatttag accgtggctc 240
aagaaaacaa gctgccattt atgcatagat tgatgtacag taacctaac aaatgtccct 300
tttgaatttt caagttactg aaaaaaaatg tgtcgagaaa cacattaaga aggcacatgt 360
```

acagtctaca atactcttca gtctccctaa ctcat

395

<210> 1210
<211> 406
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA459005

<400> 1210
agatttttta aaaattttat acaaataagac taactttgat tttaaagtaaa catataaaaa 60
ttgagaagaa tattgcttgc aacaatggac ttggaaggag aggaatggat taggcagggg 120
tacaaagaaa tggctcctac tcggtagtgc caggcacatg cccagcactc tgcagaactc 180
tcacagggac accctctgct gcaccgtgct cttcagccca caaagtctga ctgattttgt 240
aacaacaact tcagggtcagg aaaaaaaca atgcaagaaa atcggaaggc acaagcacc 300
atgtgatcta gaatgttctt ggggtgagga ataaggaggg aaagggatac ttttggttca 360
gcactacagt caatttcgcc attgttgaag aaaaacggta taaaat 406

<210> 1211
<211> 398
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA459254

<400> 1211
ttacaaaaga aaacacaaaa ccagaattta ttgaaagtag gtaccagctc tgattagaac 60
aatcagctca aagataccat tactcagaac aatatataca aaaatctcag ggaaaggaga 120
ataaaagaac ttaaaagaat acaacttgaa caggactgtt ttactaaaat ggtcttggtg 180
caaaataata acaaatacca cagagagccc tacatgagaa agccatgtgc cttcaagcct 240
ggggatgagg actctagtgc tcaaattctt agaacatagc acatgattct ccaggcagag 300
aggctggctg gagaatgagg acctcactgc tgactctgct taacaaaagtc catgccccag 360
gcacaggcac acatggaatg aggccaccaa gcaagtca 398

<210> 1212
<211> 388
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA459256

<400> 1212
tcatggagca agagtaaatt ctgtgatgat gaagcctctg aaacatgaat ttcaaaatgt 60
taacactaca aaagaaaaat gctagagaag cattttctgt gttgaaatga ctgaagtaaa 120
gtgagttatc actggcatat tctctttcag tgttctagga taaatatcaa cataaaaaagc 180
aacgccagac tgtttgcaca cacagcactc gtttggtatt gctataatac agagttcttc 240
agaaagtctt tatatataga ttttaggtcg ttagcccaat ctgtaaatac catttgagag 300
caaacctagg gaggtttgga ataattcaac agtactatct tataagatag tattgtttgg 360
aattctatgg caaatgaaag acaacct 388

<210> 1213
<211> 461
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA459293

<400> 1213
 ttaagtatca gtttttatta aaaagtgcatt tttgattaat ttatgatcta ggtaagctgt 60
 aagataccag tatactctct ggaataataa cttttacaaag attttaaaca aacaaaattt 120
 taaaagcctt tttatttcct tcaccattat tgttttacaa tacaaatata accttgtgaa 180
 tacacaaaaa aatcctacgg aagataattc tgctgcacgt aaaatacaga atggatata 240
 atacttcttc attcttaaaa aactattttg ttctccacat tggcaagtat agaatagaat 300
 acttccccaac acatatgtat gttaggagta aaacttagag ttacatgcag tttctgcaca 360
 aatatctttt aaagaaatag atctcttttt tgttggttcac caacaaaatt gtcatgagag 420
 tatggataac taattcatag ctttcaagtt ttaggtaagt g 461

<210> 1214
 <211> 350
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA459310

<400> 1214
 tttttttttt tttttttagt cttctctaata tttattacag ggcatgttgg ggacacggga 60
 gggaagtgtt agaggagtga cagggcagcc cggggccctc tcccaccctg agcctcgagg 120
 cctggcgggg gacatgaact gcagaggcat cagataaggc ctcagaaagc ccaggccatc 180
 attttccatg ggaccaggct ggctcaatgt ggaactggcc ctcccagagc agcaggagaa 240
 gggctcgcag gggctgcccc cgtcacctgt gcctgacagg atggcgggga ggcagagaga 300
 gagcatcaga cgccctccct ccccataagg ggcatggggg atgggggacac 350

<210> 1215
 <211> 170
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA459388

<400> 1215
 tttgggtcttc actggtcttt attgaatgag ggttgctcagg agcaaagggtg ggatcaagag 60
 cagcaaaagc agaaacaagt ataaaagtat caaaaattca aagtgtctaca atgaggaaag 120
 tgagaagggt tgggttgtgg cccagaggga cctctgggac acaggattga 170

<210> 1216
 <211> 309
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA459389

<400> 1216
 gttaaagttag gcacaaacaa atgagcctct gttcacttta ttcaaagagt atttttttcc 60
 tctgtgaaac taggtagaac tgaggaggaa tcaaagaaag cctcatatat taaactctta 120
 aatagattct ttgaattcaa agtaaggggtc aataggagag gcacagggtg tgggccttgt 180
 cccagcaaac aaagccacca aggcagtcct gcaaattaag gaggatggca aatctgtctc 240
 ttaaaaaaaa gttcttgagg ggaaaaatat aaaataccta agtttcaaaa gccggactac 300
 ttccatacc 309

<210> 1217
 <211> 261
 <212> DNA
 <213> Homo sapiens

<220>

<223> Genbank Accession No. AA459420

<400> 1217

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ggaggaactg atgaattcat tttaatcaca gaaatttgcc tgggcttgag caaactgtgg 60
ggactcaata gatttgaggg cctcctctcc cttctgagag gcctgcctgc ttcctgccct 120
gatgaatccc taatttcagt acaaactgag gaacttgaaa aacatctgtg cactgggacc 180
gccctcaca ggagggctga aagagcacag ctgagtcagc ggcacattca gcaggcgctc 240
agtggggaag caggagacag a                                     261
```

<210> 1218

<211> 424

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA459542

<400> 1218

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cagacattgt ggggctgctg ctggagcgtg acgtggacat caacatctat gattggaatg 60
gagggacgcc actgctgtac gctgtgcgcg ggaaccacgt gaaatgcgtt gaggccttgc 120
tggcccagagg cgctgacctc accaccgaag ccgactctgg ctacaccccg atggaccttg 180
ccgtggccct gggataccgg aaagtgcac acgtgatcga gaaccacatc ctcaagctct 240
tccagagcaa cctggtgccc gctgaccctg agtgaaggcc gcctgccggg gactcagaca 300
ctcagggaac aaaaatggtca gccagagctg gggaaaccca gaactgactt caaaggcagc 360
ttctggacag gtggtgggag gggacccttc ccaagaggaa ccaataaacc ttctgtgcag 420
aatg                                     424
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<210> 1219

<211> 306

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA459668

<400> 1219

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caattttcag ggtctttatt ttttatattg tatacctaag ttgatttcat caacatacaa 60
gccaaacgaa gatcccatth caattagata taccactcaa gagaatctcc aaagatcttc 120
acatttttcc atcttctaaa acaaggattg acaaactttt ttctgacaaa aaccagacag 180
taaataatta ggctttgtag gctttacat ctctattgca actactcatt tcaaagcagc 240
cacagataat atataaacag atgagtatag ctagtccaa taaagcttta tttgtgaatt 300
ctgata                                     306
```

<210> 1220

<211> 303

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA459673

<400> 1220

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atagagaata ttttattaga ctttacaat gacaactgca taaaacagaa accagtttca 60
tgatatagtt tagggagtat gtattttata caactcataa tcctttacaa atagaaaaaa 120
atcagtaata cactgaatca acttgaagaa tcttcagcat aaagtccaac aaagtccctt 180
agatgcaatt tcttttggat ttacagcaac actttttgtt atgttgatg tcttgtaaatt 240
tccaataagt ctatccgaaa tctcaaacat attatttcga agagaaatta ttatgaactg 300
tgc                                     303
```

<210> 1221

<211> 302

<212> DNA
<213> Homo sapiens

<220>

<223> Genbank Accession No. AA459690

<400> 1221

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caaatatatta aatcattttat tgccatttaag ttacagcatc tcaatatata cactgcatgg 60
aaatacacag gtaacattttt taaacagtggt ggacaaaatt ttaagtacgt ggccagctgt 120
tggttgtcctt gtggtcatta aagacaatgt taagaatcag gagtacttaa gtgctagtgg 180
ttacaaaattt tggtctcttc agtttttcat taagtaaatt ctaatagatg atatacatat 240
tactgcagat aaaaccatca tcagaaatta tttaaattaat tgcataattt gagctactct 300
tt                                                                                   302
```

<210> 1222

<211> 298

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA459703

<400> 1222

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gactattaac attttattgt tatacagctt aatgggtggaa gataagactg tgggtcaatcc 60
atatagaaaa ttaagaagac catgttttag aatattttgc agggcttttt ttttttttga 120
agtccctctt ttttttttcc ttcagtgtgg tccttaagca tcaatgtttg gtgggtgttt 180
ctagcaagtc ttttgcttca tttattttgg ctgctacgta aggagatcca cctttatctg 240
ggtgattcaa aatcatgact ctccatgag ctgttctaatt cttagccttg ccagcaga 298
```

<210> 1223

<211> 469

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA459961

<400> 1223

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ttttgtggtc caaaggacag tttattttaa acaaactgta tgaggtagat gaagaagaaa 60
agaaggagaa caacaattct aacataaaaa cacaggaagc atctcaaact taaaaaagaa 120
aaaaggagtg ggggcaatgg aggaagctat gtctcataca aactgctgac ctcaattgat 180
tacttacatc caaaccttac aaaatagcat ttcaagtcag cacttaagcc agtggtatta 240
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acatttaagc tttttttttt ccaagttggg ccgagtgcaa gctggtaaaa gagatttttt 360
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<211> 283

<212> DNA

<213> Homo sapiens

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<223> Genbank Accession No. AA460012

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tgaataaagg gtgaatgtag tctcaaatcc tcaaagagtt gtgtttattt catcgacaaa 180
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 gccgtattta cataatttagg gggttaaaaat attcacagtt caggggtacag ggaggccaaa 180
 ggggagtgagg gaatgtttct ccagggtgtaa aagctctgga agcccctagg aggggtacggg 240
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<210> 1226
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 <212> DNA
 <213> Homo sapiens

<220>
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 aatcatgttt agaaactttg gatgagttaa gaagtcttaa gtatgcaggc gtttacgtga 360
 ttgtgccatt ccaaagtgca tcagaactgt cattcccttc taatatcttc tcaggagtaa 420
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<220>
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 ggaacaagca catcatgatt gacttgggga ctggcaacaa caacaagatt aactgggcca 180
 tggaggacaa gcaggagatg gtggacatca tcgagacggt gtaccgcggg gcccgcaaa 240
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 tcagtctgcg cggataaatg tcgtggagcc ctttttgat ggaaacgttt taagctattt 360
 aaagcctttg gaaaatacag gaagctccag ggctggagca cctctgagat ggaattgata 420
 acatggtctt aactcaccga aataaacaag cagtggtgga gaggagcagg cctacttggt 480
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<210> 1228
 <211> 301
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA460449

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 caaagaaaac agtagagaac aaaggatagg gtaattttaac agaaatgttt agtttaaatgg 180
 cataattgaa aaacaaccaa ccaatcaact ttctcttcta cctatggaaa gaatggtaaa 240
 aatgaatcaa gaacttctag gtcttttttca taaaacagct taaaaagagg aaggcgaaga 300
 c 301

<210> 1229
 <211> 427
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA460661

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 agggccttgc ttccaacact gaaatgaagg gctacgttca ctccaccatt gagagttctt 180
 tgtttttgtt ttttcttgtt ttttttccca aggacaaaga tttgagtttt caagtagcaa 240
 tgtctgttct caaaggacaa ccaaagtgtc gctcgtcacc cacttccgtg atctcaagtc 300
 cttgtggcca tcaactgacct cagctagatc aggccagaag tgtctataat acaaccacgt 360
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 gctattg 427

<210> 1230
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 <212> DNA
 <213> Homo sapiens

<220>
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<400> 1230
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 tgcagaccca ggacgagggc tgcacttggg gtggccgtgt cctgagcctc agtgaggctg 180
 ggcagatggg ctcgagacct ccatggggcg tacgaggaac cgggcttggc ttctatttgt 240
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<210> 1231
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 <212> DNA
 <213> Homo sapiens

<220>
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<400> 1231
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 accctcgtct agccctgggc ccctgtcccc aaggccagct cgctgagcct gcgctcctcc 180
 tggaagcggg tgagggcatc tctctgggtg accaaatcca ccagcttcct caggacctgg 240
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<210> 1232

<211> 350
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA460909

<400> 1232
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 acagcaggaa aacccaagaa tgagacagag gccagtggat tctggcagca ggagggatcc 180
 gagcgtctgag atgaggcccc agctgctaca aacacgcact tccacgcaga gctccaggct 240
 ggggcggcag ggcgaggata cagaagtgtt gggagggggg acgggccaaa gtgaggtatt 300
 aaataataaa aatcaaattc aattcccaaa gagacacaac tttaggagag 350

<210> 1233
 <211> 417
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA460916

<400> 1233
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 ttggtgaatt acacatgaaa tacaaaggga atgcaatttt acatatgtaa aatgattgct 180
 agctatagca atttaacagt caaattttatc agaacattgt acattaaaaa acacaaacaa 240
 caacttaaaag ccaaatatct atagtaaacc aaggaaaatt ctgatatgga atgggtttgac 300
 taaaagcaaa gaataaggca cctgctatga atttagcaca accataaaac agaattagtt 360
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<210> 1234
 <211> 336
 <212> DNA
 <213> Homo sapiens

<220>
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<400> 1234
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 ctgcaagtct atctcttaaa ctccacttgt gtgtacacct tggatgatgtc attgtacctg 180
 ccttcagggg gttggtagtt agggatcggg ggtgtgtaat gtggcccttc cttctcaaag 240
 gggaacaggt taggatcccc cttgatggcc tcagcatgga gcttcgggga ttccagttgc 300
 agttcctcca gagcttctg ctgggcttct agcata 336

<210> 1235
 <211> 473
 <212> DNA
 <213> Homo sapiens

<220>
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<400> 1235
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 gaagagatat tgagttcttc cagatttttg cttagctggg tgggtttccga actcaacgga 180
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gctctgagaa gcacaatatc cccaactgtg cactgctgaa gggcatcgtg agcaaagtag 360
gttttccgct tattaataa ctttaataaa tagggatcca gaacaagcct ggctactctc 420
acttttagcag tcttttgcag ttttgtccca atcacctttc ccacaatcca tcg 473

<210> 1236
<211> 465
<212> DNA
<213> Homo sapiens

<220>
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accaatacac actatgttgg aggaacgact ttaaaatgta aaatgagaaa tgggactga 180
acactccatc ctcactcca acagcccacc cacacaacct cttcaactgc tatccaaaca 240
tggaggagct cttgtggaag agaggctcaa caccaaataa ttgagcataa gacattcaag 300
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cagctgaagt tgggacatct aagagatgtc agagccatac tgctgaggaa agcacagcat 420
acaccagacc ccggggtaag ggcgagatca acctatctca tagcc 465

<210> 1237
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<220>
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<400> 1237
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ggaggagagg ccggcttggg gtggggcctc gcgcgtagt gccggccggc tcagcccggc 180
tctgcctggg gtcctctgca gtgccttctc cacggccccg cctccccgc gtgtgcgcca 240
ggcctggggt ccccgggaga gcagagcttg cgctcgggc atagggacgt ggggtgcagg 300
cgccaacatc agtggcagca gccagggccg tggctcagtc ccaactcgggg atggagtggg 360
ccggcggaac accagtcact cggggaggaa tgcggaggag cgctcattcc attctattta 420
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aaaaaaa 487

<210> 1238
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<220>
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<400> 1238
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acatttttgc ttctacatga aacatttggg ttaaacaaaa tcttaagaat tctctatttt 180
gttttcccatc ttccctcctg ttctctccca tcttccaaag atgttttata ttaactgcta 240
tgagattttat ttgccggtca cgtaatacgg aggacagcag ggaacaacac aagatttacc 300
atgcctaggg gatgaatggc aaacccaact ttggctaatt tcattgagaa caacttgga 360
gcgtga 366

<210> 1239
<211> 311

<212> DNA
<213> Homo sapiens

<220>

<223> Genbank Accession No. AA461444

<400> 1239

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tttttttttt ttttaatgat gtagttgttt attttgaata taatcatgaa gtggggaaaa 60
attttaatac aagagtagaa agaggattcc agagaaaaac attccagtgt atcatgggttc 120
tttgtgagtg agtagagagg ggtagtgagg atgctgtcca caatgtattc atctagttaa 180
tgaattgtat ggcccacaag ctcaaacgag agatacatca cagatgggtg tattataaac 240
ctaactctaa gaaaccttac caagcaaatg cttaaagact gatttttttg tgatctgata 300
aaaagcctgc a                                     311
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<210> 1240

<211> 517

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA461448

<400> 1240

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gagggtcctt ctcaaacact cttccataca gggccataac taagacaggc aaaggggctc 240
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tggtttgaca ctccagtaat gcacatatct gtaagtaata ttggccttct actgtgtgca 480
gtccatccaa agcacctagg gcatagatct cgtctgt                                     517
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<210> 1241

<211> 264

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA461458

<400> 1241

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taaatgaaag tcagcaggct caaaatgcag agcttggcta agtcacttct gtggaaatat 180
gaaatatagt agtgataacc accaagggtt ttcaaattct tgtgttcttc taaggatcct 240
ttcctaacac catgatttgt tctc                                     264
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<210> 1242

<211> 455

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA461473

<400> 1242

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cctgaagag agtgcatctt agaacgcagt tctatcatag gagaccactt gcagggaaca 180
cattaaagcc attgctgaca cagccatctg tcattcctgg tttgccgtca ttttaagtagt 240
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ttcaatagat aaatcgggtga tttgctttta aacaaatatt aatgttaatg attagggtag 300
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<210> 1243
 <211> 541
 <212> DNA
 <213> Homo sapiens

<220>
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 cggggtgcaa aggtaggtca tgccgcagca gctggagggtc cctagggttg tcttcaaagt 480
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 g 541

<210> 1244
 <211> 355
 <212> DNA
 <213> Homo sapiens

<220>
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<400> 1244
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 ccaggctggc gaggcagggg gtgggaagca ggacaggggg cagggagggg ggggtggagg 180
 cagggaggaa atggcaggtg gctggaacac aagaaagcaa aggggaccca gctggtcctt 240
 gggccccagg gcacgcccct aatactcctg ctctcccttc accctggcta gagaaaggtc 300
 acggagaaga gacaggggag cagggtcccag cagcaggaga agcagcagca gctgt 355

<210> 1245
 <211> 362
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA463195

<400> 1245
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 ccacagttgt tagaaaaaca ttaaaatcca tgcgcggggc tctcatttcc atgtgcgcct 180
 aagctcccaa tgatactaca gatgccagcg agagttaagt tcattaaaag gagaggggcta 240
 gactctttat ttcacaaaat tagcaataat cttcctcgca ccaaactt tgcagacaat 300
 gattatgctc tgacaaaacc tatcttaca cagtgcccg agagtaaaca tcagtcttta 360
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<210> 1246
 <211> 332
 <212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA463234

<400> 1246

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cacgggagggc ctgctgggga tgaggccact ggccagggct atgctgcacc agaccaatgg 180
caccgccccca cccctcccag cgcaggggca gcttggagca gaggcagcac tggccaccgc 240
tgcgggggca agtcagcgtc aagagagtc ctgagtgaaga aggccagat aagcccaggc 300
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<210> 1247

<211> 239

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA463254

<400> 1247

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agcttgacca agtctgttat gttcacctga aaaagtctta gcagagaatt tttgcattcc 180
cacccaaaag ccctctcagc cactcaaatt cctatcttct ccagtctaca agttacatg 239
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<210> 1248

<211> 420

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA463311

<400> 1248

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<210> 1249

<211> 331

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA463725

<400> 1249

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aaaaccaata gcagccaaaa cagaacattt gtaaacaata ccacaactat cagccctgtg 240
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accatctttt tccttaatat acaataccca a 331
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<210> 1250
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 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA463729

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 aaggaatgga aatcttctga aaatgacagc gcagtaacag aataattcaa gcggaactga 180
 agatctatcc aaaccatggt cctgctctga aatcaggggt gtgttttgga aagctttccc 240
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<210> 1251
 <211> 534
 <212> DNA
 <213> Homo sapiens

<220>
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 tctgatatct ggaaccaaag ggcaaggaaa ggtcctgggg ctgaagtggg gacaaggggc 180
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<210> 1252
 <211> 489
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA463876

<400> 1252
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 tattcaaacy cctttaacag tcaggatttt ctaaacctaa gcctgccagc accaccatgt 180
 tggagagacc tgtttgttgg agaattgggt ttctctctc tgagggctgt agaggccaga 240
 ggggtgagtg aggttctttg acaagatgtc caggatgcta agcttgtccc aacagccata 300
 gcctcgggtc gctcaggcca atcagaatgc tgtgagcacc tgctctaatt gaaacaacat 360
 catttgcata cattccattc aaagcttgaa ctcagcaggg agtttattct ggtcagccaa 420
 cagctgcata aaggtagaat gttaataacc cttcacttcc agctcccagg accctgatgg 480
 ctcaggag 489

<210> 1253
 <211> 335
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA463934

<400> 1253
aaacaaggag tttagtttta ttttctctgt gcatttgcaa aatactcagg accaacataa 60
aaaagaataa cctcctgtgg aaaaagttac attaaaaagg ggaatggagt ggggggtgctg 120
aaagggatta gtacctttgc cccaaggagc tacagcatct ctgattgggc caaggaatag 180
aaaagatatt gggaaaatgt aacaggagga aggaaaatgt gaatttactg agggagaggg 240
cctcgaaagt ggcctcgagg gggaactggg ggccggggag tgggtctggg tggagggaga 300
ggccccgctt ggtagccata ggggtggggg cgtgg 335

<210> 1254
<211> 270
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA463946

<400> 1254
ctttacattt tcccagatca tctttactta aagatttttt gggagaaaaa ggtaggcagc 60
aaacattttt atattaaaaa aaatgcagat agtaatatgt aaatagtata taaaattgac 120
attacttttt gagacaaagg aagagacatc aaagacattt taagccgagc tcctcatgag 180
cttcctaaac cccaggggag ggaagagacc cctgcattct cgttctgtct aatattatca 240
gtggggctgt tttgacagag aagtctcaga 270

<210> 1255
<211> 260
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA464043

<400> 1255
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gtgcatga tgccttggga tgccctgggc cccggggact caggtgcctc cctgattcct 120
gtgggaaccc cgggttcagg gccagggtc cttggaataa atgggttattg ttactagggtc 180
cccacttcc ctcttttctg gaagccaaag tcagcctccc caataaagtc ctcactgcca 240
aaaaaaaaaa aaaaaaaacc 260

<210> 1256
<211> 367
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA464188

<400> 1256
ctgaggttgc ttttattcca agacctctgt gagtccgcc cagataccat tggcgctgctg 60
ttgtgtcccc aggggaccta cacacaacag caccagcacc atgagggcgc tctcgaccca 120
cacaaagcct ggtccccgtc agtcaatgtg actgagtcgc ccattgaggc cagtctggct 180
ggccccaagt ggtccctctg agtccccaac tcctgggcca gcaaggagtg aagctccatg 240
ccccttgggc cagcctctta gagtctgagc atatcctgca gcctcgatct caggaggcaa 300
cgcatgcagc ccccctgcac tcagaaaggg ggcttctcca gtcgtgggtc tcttctctgt 360
ccacaag 367

<210> 1257
<211> 323
<212> DNA
<213> Homo sapiens

<220>

<223> Genbank Accession No. AA464251

<400> 1257

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ttttttttaa gcttttttatt atagacattt tcaaacatat acaacagtaa aatgaataat 60
ataatgagcc ctcacacctc catccctagt aactgattat ccgtgtgtgg cttactcttt 120
gatcgatact ctccctgcttt cccctagccc ccacagttag actgtcccgc agcaaagccc 180
agacagacat cctatcggtc tgagaattcc ttatcaaaag cttcccgaag aggaactcta 240
tatagggcag gactaagtgt gctggctata ggtctgcaga aatctcaacc cttgggagcc 300
cttgggtggg gcctgggcag gtc 323
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<210> 1258

<211> 91

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA464414

<400> 1258

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taagatgaat aaattgaaga cttttatttc ctccaagaaa aatgtctggc acttgggaatt 60
ttcaagctgc aagtagatgt acacattttc a 91
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<210> 1259

<211> 407

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA464423

<400> 1259

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aaaaataata atgagcttga tgggtttttcc ctactgtgata tttttccatt gaaaaactag 120
agatagtttg aaatttcaat ctctaagtaa tgccttttga gtgctcccat acagaattag 180
cgcataattt taagacgacc ctgttttgcca ggacgaagac atggagaggg cagatctgct 240
cttaggcaac cttagtctgt tatctgcaac caggaaagga gtgctgaggg acagggaaaa 300
ggggagccaa aagggtctgca ggggtgggtg tgcagggcat gggaagaggt cctgccctga 360
gaggtctatc tcagtgtgag cagcttcctt cagggaacc tgtcctg 407
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<210> 1260

<211> 350

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA464603

<400> 1260

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ttgttataga gctatgttca cacagtggag actttctgac tctactgtgag ctctgctgta 120
tctatgcgct ccccgagagag ggacaacttg ctaagggtaca gtccgtgtcca ttggcatgga 180
tatttactgt tccacatggt gggaaaacca tgtgcaataa aaatcaaaca tatgaaacaa 240
tggctgtcat tgtaccacag tatacattgt atcttgggtga aggttcttaa attactcctt 300
ggagtttctt aattcacttc aggaaggatt tgttgtgttc cgtctttatg 350
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<210> 1261

<211> 337

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA464606

<400> 1261

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aaatggcctc aattcggaca ctgaataaac gataatgaat tttttaaaagc tgtgcttaaa 120
tataaacaata ataaaccgct aagtttttct ggctccaagc acgccatatg aagcacgcca 180
atgtcactta tgtgccctga tcacattcag gcaaagtgtt cttcacttta aatactcctg 240
tgttccatta ttgtttaagt aaaatcctat ttcaaagcc tttgataaca gagaaaccgc 300
ctgtagacaa actctttgaa agtgactgaa ttaatgt 337
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<210> 1262

<211> 379

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA464698

<400> 1262

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tctcaagctt ccaaatggtg ctcaagtctc caaggaaagg aaggaaggaa ggaaaaggag 120
gggagaggag gggaagggga ggcagaggag gaacatctgg aaaaaagca gcctgacagt 180
ccagctgttt gcaaaactcat agcacatcct ccagttacat ggcagaagtt ggagggaggg 240
agggccaaaa agaaaaggga gaggaggaag aaaaataact taaataaaca cacacacaaa 300
gaaaagagaa ggcaacatga cgtgagctgg tgatccatga aggcagggag ggaggggaac 360
cgttttacct gtgctgaac 379
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<210> 1263

<211> 209

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA464722

<400> 1263

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ggagagataa agaggaagga aggggtaggt ggggaggggt tctcaaagga gctgacccat 120
tttctgcatt ggctgcagag ccttgagtc ctggccagga gttcttggcc ttgtgcattt 180
cagaagtgcc gacacagtca aggaggtac 209
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<210> 1264

<211> 406

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA464962

<400> 1264

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agaaaactac ataattacgt tcaaactc actgaagagc ctgctcatg ggaagggcag 120
ggctgtcgtg ggaagagtca gctgcacttt ggcaccatct caggtgcctg tccaagccgg 180
atctgaatgg gactgggtcaa gtgaggggtc agtcctgcag tctgcgtca cacctcttct 240
ccagatctgc catctccttt aggaccagg ccacgctgta ccgcagctcc tggaaacttg 300
ctgtggggac ctcaaagcgg tatgctgacc catctgaaag cttcagctgc atcaggacgc 360
tcggctgcag ggagcgagcc agggcactgg tggagattgc tacatc 406
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<210> 1265

<211> 454

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA464963

<400> 1265

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actttgtgtg ttgtgtctta ttaacaccaa aatgtgccac atcatgggtt agaagaggtg 60
gagggtgcag gcaggaggct ccgaagtccc aggcaggcgc gcagcctctg gcacctccat 120
ggactccagc tggagagcct gtccgctcag caacacccca ggcagcacca agaataacat 180
gccacaaga acatcatggc caagagacgc acaggcgcac ccgcttcca ggcacctttc 240
ccacctggcc agaagtccct gctgtcatcc cgacttgacg ggtgggtttg gtaaccagtg 300
ggctgtgcag gagtgaaggt ggggtcactt tccttccttt ccagctgct ggagtcggaa 360
ctgctgcctt tgtttggcgg ccttggtttt taaatcagtt cctcttagg atttattaca 420
ctaaaaaaaa aattagtttt tgaaaagaaa tagg 454
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<210> 1266

<211> 236

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA465000

<400> 1266

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tttctaccct gtctctcccc gccacccccg acttcccggt gaaattccca actcggttct 120
catggaggag tgggtggaga caaggaggga gtaagtctga ggagtacaag gtttttattt 180
tttttaacag tgattaaaa atttattggt catttaaaaa aaaaaaaaaa aaaacc 236
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<210> 1267

<211> 302

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA465093

<400> 1267

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ccagaagaaa tctaaaaata gcttcctgat attttatttt aaaatatttc atttaagctg 120
cttttggttg catgccctga tctgtagaag ttaacaagga aataaaattt ccaagtattt 180
aaaaaattta ctcatcttcc ataaagcgac ttttaagtga tcaacactta aaaatacaca 240
gtgacttaat gaagtatcag cacaactgca tagaattgag ctccagagaa ttatacactc 300
ga 302
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<210> 1268

<211> 400

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA465218

<400> 1268

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gacgggatat ttgtggtaag ggatacaaa aacatacaat tgtgtacttg agaggtttca 120
tggaacatta tgacccatcc aatgaagaca tcaacattaa caacaaaaat taattgagga 180
agagcagtat gaaaatattc taatgcagtg ctgtccaaca gaactttctg tggatgatga 240
aatgttccat atctttgtgc taatacagaa tctaccagcc acatgaatac tcaaaatgtg 300
gctaattgcaa ttgaagaaat gaatttttca tacaatttac tttaaattta aatagtcata 360
tgtgactagt ggctcctgaa tgaacaatgc agttctaagt 400
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<210> 1269
 <211> 282
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA465233

<400> 1269
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 taccaaaatt taaacaaaaa ttttatccaa atcctttccc acaacaaaat tggacatcat 120
 ggaaaaaaa aaaaacacat tcaaataagg ttcccatctt tctaccataa actggttagat 180
 tctgggagga tgaggagtaa gagagaaacg aggagagaag atagtgtatc taaacacaat 240
 ttgatcttca gtgttggtctc atcttgaaat agcttaataa ca 282

<210> 1270
 <211> 428
 <212> DNA
 <213> Homo sapiens

<220>
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<400> 1270
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 cacagatata taacgggaga tttggatgaa ataattacaa acttttttcc ccttaaaaaa 180
 caaacaagcc aaacaaaaa caaacaaaac aaaaacccca aaacaaaaac acaagacctt 240
 tctgacgaca gtaaacacag gggctgctgg ctccctcccc gccatcctcc ggcctgctg 300
 ggccgcagtc gcaaagtgtc ggggtgtacc cgacacggag gcccaggggt gctctctcca 360
 aggtgtgactc ttgccttccc ctgccctgcc tccacctccc ctcatctccc aagcctttgt 420
 cgaggggcc 428

<210> 1271
 <211> 394
 <212> DNA
 <213> Homo sapiens

<220>
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<400> 1271
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 ggaagttaga gaaagcatga gaaacaggga gcatgtgggg tgaggcgggg caggagtga 180
 aggtgtcagg acccccagct cactccctgc ctgcggacac ccatgacact acagatcaag 240
 gggttatgaa tgacatggat tcagatttct ttcatcttag acttcaacct agccttaacc 300
 ttttgtttca gcaccagtct aacagagcag cgcaggcggt tctcatccag cagcaatgct 360
 acttccctcac ccagggcagg tgcattgggt gacc 394

<210> 1272
 <211> 390
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA465381

<400> 1272
 tttttttttt ttttttaaagt cccagaacat taggatttat tccttgatta gttcaaatga 60

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA470156

<400> 1276

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aggtcctcag cttcccgggg cccttgcttc gtgaactctg tgctcagctg ccacaccttc 180
actgtgccct gggcatcgtc gcatgccaaag agctgagtct gctggctggt gaactccaga 240
cagtagacag ggctttcatc ctgggtttgc ttgatcaaaa ctgtgggttt ctgggagctt 300
ttctggagat caaacagctg cacgtcacct ttcccagagg cagctgcaaa aaccaagggc 360
cgactgggg accagcgac agcaaacaga tacttgaggg agagctgcag 410
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<210> 1277

<211> 427

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA471278

<400> 1277

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acccgaggat ggcattctct ccgtgaagtt cagccccaac acctcccagt tcctgcttgt 180
ctctctctgg gacacgtgcc gtgcgtctct acgatgtgcc ggccaactcc atgcggctca 240
agtaccagca caccggcgcc gtcctggact gcgccttcta cgatccaacg catgcctgag 300
tggaggacta gatcatcaat tgaaaatgca tgatttgaac actgatcaga aaatcttggt 360
gggaccacg atgcccctat cagatgtgtt gaatactgtc cagagtgaat gtgatggtca 420
ctgaggt 427
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<210> 1278

<211> 436

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA471384

<400> 1278

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caactctcct gtaccagcgt aggcgcgatg agtagggggg cgggctcccg cggtcctgct 120
cggcggagtg gcctctctgc tcctgtcttt tgtttggatg ccggcgtgct tgccgttagc 180
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ccagccctcg ccggcctcgg attccggctc tggctacgtt ccgggctcgg tctctacagg 300
ctatgttact tgccccaacg agaaggctgc caagaagatc gccacgaccg tggttgagaa 360
gcgctagcag cctgcgtcaa cctcatcttc agatacatcc atctattagt ggaaaggag 420
atcgaggaga cagtaa 436
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<210> 1279

<211> 244

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA476216

<400> 1279

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taggagtact ccaggaacaa tggtaatccc cacatgatga tctgattctc ttctgggagc 120
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aaaacattgc aaccagacag gatggacaag gcatctaaaa acccagtatc cttcaccttc 180
cgaaaggagg gagggactgt agagttgccc aggaaaaagg tcaagagtct tccttctcct 240
ggaa 244

<210> 1280
<211> 422
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA476260

<400> 1280
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tgtacattgc caaataaatc tgcaattaaa aataaaatcc attaaacaaa gcatgccaaa 120
tgtgcagcta tcagtcctgct tgccatcagg atattaaaga attcaacaat gtattcaaga 180
tttagcctta ggcttaagga actttactga tttaaagaat tctgccttgt cacttggtat 240
ctgagcaact ggcaatcaga actttatata aatgtaatca agtgaacaag aataccagaa 300
aatctattta ctgctctctt aaccaaaatg gaatcaaaag aaattaaaca cacacaatgt 360
agaaatgaca agtctctcag atgtggttta caaagttaaa aactgaatct caaagctaatt 420
gc 422

<210> 1281
<211> 253
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA476324

<400> 1281
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tccacgttct cctccaaca actcagctcc cattgtaccc atctggggac ttagatgaag 120
ttacaggtca gttattggac agctcacagg cctcttgatt cctaggagtc aataagaagg 180
ctttggagtc caggcaggaa gtcagggact tgaattcctc cacacacttt tcgggaggat 240
gtggtgagcg att 253

<210> 1282
<211> 219
<212> DNA
<213> Homo sapiens

<220>
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<400> 1282
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taaatatggc acactgagca gtattgacgc aaattatata gtcatgtaac catgtttcgg 120
tcaatgtaca atatatatat gatggtggcc ccacagatta taatggagtt gaaaaattcc 180
tgtcacctgc tagggatgtc ttgatcctga cctgcata 219

<210> 1283
<211> 233
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA476346

<400> 1283
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acataaaatta atgccttttc agatccttca catccagctt ttttacctta agttaatatc 120
 catatgtatg agaaataaac gtaatctgat aatgcttagt taacttgatg attggacaat 180
 aacaatatga actatattgg attcactgtt acttctctt tattcctgca gtg 233

<210> 1284
 <211> 177
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA476352

<400> 1284
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 ataattaatt aaactgtaat ccaggattag atacaattta ataatagttc aattccaaaa 120
 taaaagttat tgtaggtaag accatgaaat ttcctaacac ttgattttta tacattg 177

<210> 1285
 <211> 241
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA476473

<400> 1285
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 tcacatcata ctgtgtaaac atgtaaggct tctgtacaaa gaaatataca tgcaaaataa 120
 tgtaaaaatt taactgaaat aataaaaagaa acaatacaca aataaaaatt atgagggttac 180
 gaatacacat ccagtttcga atccaatttc ttttaaaaag tttctgtaca atttttacaag 240
 a 241

<210> 1286
 <211> 317
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA476749

<400> 1286
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 attcgttcgt gcttcttcgc cttggctgga gcgatagggg cgagcagggg tggggccggc 180
 tgggtgctgct acgcagggcc gtgcacgccc ttaataagt acataaaatg tctacacgca 240
 taagtaaccg tacttagggc ttctgcaagg gccaccagag cgcttaggtg gcaagtgggc 300
 gccgtttcac ggccgcg 317

<210> 1287
 <211> 466
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA476754

<400> 1287
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 aaagcagtgt actgtctttt ctactggata acacttaggt ggcccatgac ctctcgcttg 180
 gcctatctcc caagtacatt ttagagttaa cagctcactc ataattttgg gttaaaatcc 240

atcttttctcc tgagaatcag gagttgcaca tgagctccag ctagctgctt ctctaggggt 300
 cgtagctatt gaggctaagg tgcaaatgta aacctttggt aggtttcttt acacaggggc 360
 accccatttc tctactggtgg caatgaatgg ggaaggggta gggcctccaa aggacctggc 420
 aactgtaat ccagaagtgg tgccccaggg agcaacgaat gcaccc 466

<210> 1288
 <211> 295
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA476944

<400> 1288
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 acatttccag tgtaatgaga gataaagagg aatactgccc accgaggaaa tgactttctt 180
 caccatgctg accacactgc acagcgccc atccggctgg tgaggatggg gaggtgggaa 240
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 cagttcactt tagctacccc caagtgttat gggcccggag cgaggagagt agcactcttg 180
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<210> 1290
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 <213> Homo sapiens

<220>
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 ttcaagagag ctagcattca cagaacacac aatatgggtg tgtagctact gttcaccagc 180
 cttaggttga tttaaacaaa caaacaaaaa aaaaatttca aagggatcat tcaagatgac 240
 cgtataatgc ttgctgctgt ctttgcagat taaggtttgc ttt 283

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<220>
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tgtagcccggt gcctgagtag aacttgtttt ggaattccac ccagtgcagc cgcagggcggt 180
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cggcaaagat ggggaccagc accacagccg ccacgcccac ctcccggccc agggccaggc 300
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cccacaggcg caggtaggag gcggtgttg agacgcagcc caggcagaac tcgatgggtgt 420
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<210> 1292

<211> 356

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA477561

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<210> 1293

<211> 186

<212> DNA

<213> Homo sapiens

<220>

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gagtgtaatg ggcgcccggc aaagctgctg gcctgtgatg gcaatgagat tgacaccatg 180
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<210> 1294

<211> 263

<212> DNA

<213> Homo sapiens

<220>

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ctcagcagtg tgcatagacc atttccagga gggctctgtcc cagatgctct gcctcccgtt 180
ccaaaaccca ctcatcctca gcttgcacaa actggttgaa cggcaggaat gaaagataaa 240
gagagatggc ttttgtgata aaa 263

<210> 1295

<211> 283

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA478017

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 tgggggtcaaa ggaaaacagg ccacagccag gcccctcgat ggacgcaggc aggggaccag 180
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<210> 1296
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<220>
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 gggaaccaga aaatggccag gccttttgca ctagccaaca ctttccagtt gaaaatacta 180
 ttttacacat atagaacact tataaaaatgc acttgcattg aaacactgta aaatcctgcc 240
 attttaaatt ctacactcaa aaagctctaa gtacatcaaa aaatagaaga aatttctaatt 300
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 tactctg 367

<210> 1297
 <211> 379
 <212> DNA
 <213> Homo sapiens

<220>
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 caggaggccg acccaagtct ccctgctgtc atttcaggag gccgaatttt ttcccaatcc 180
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 ccagctgggtc catggccttc tgccccgct ctgtggcctg gtccaccact tgctgagctg 300
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<210> 1298
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 tggccccgaga caccgagagc ttggttcttg gactgtggct cagctgacct gtggcacagc 240
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 gacacagttg gtgtccagaa aaggggggctc agaacacagt ttctacacaa gcacttgga 360

cccacacgac agagacgtca ctcaagcagc acagccacaa atagttttaca gcagctcatg 420
cccggcatcc gcccatgc 438

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<212> DNA
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<220>
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caciaaaggta caaggaattt cagaaacaac attaaaacaa tcattcaaac tgtttcaggc 180
acggttttcaa ttaaaagcat agatttgatt tctgacttcc tgtttccttc tatgatacaa 240
tctcaagttt tgtttcagga agcacaatta ttgtagcgtt aagggtggata cctgccaaag 300
ctcatctcct agtgctgtcc tcattctcag aaagttcctg agtcaacaga aaggggacgc 360
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<210> 1300
<211> 244
<212> DNA
<213> Homo sapiens

<220>
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<400> 1300
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agagagaggg ctacagagag caagaggaaa ctactcctg agatatcaac attaattccat 180
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atta 244

<210> 1301
<211> 234
<212> DNA
<213> Homo sapiens

<220>
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aagaagtcac ggggattttt ttcttctaag tccaagcaca gtggcaatat ttcaagtatt 180
gcaaagaaaa acacacgtgt gtgtattttt gtctgttatg tggcgtgtga ccct 234

<210> 1302
<211> 260
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA478441

<400> 1302
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ggaaccagaa aatttatagt atcaaacaga ggaaagcggg ggcagaacag agctgggctt 180

aagatcagaa aatTTTTtTtc ctgctcatta cccaagccca gagttcttgc cccagcttca 240
actgccaaaga taccaccctt 260

<210> 1303
<211> 305
<212> DNA
<213> Homo sapiens

<220>
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<400> 1303
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ggacctgcgg ctgctgagga caaaggccca gcgcctccaa ggagcttctg tgagcacctc 180
ggctactgca gaaacgtgaa aggaggtgac gtgtcggaaa cccccaactt cattttcttt 240
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cacga 305

<210> 1304
<211> 392
<212> DNA
<213> Homo sapiens

<220>
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ccttcccatc ttcaagggtca agattgaacg ctgactcctg caggaagtct tccaggattc 180
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<212> DNA
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<220>
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<210> 1306
<211> 327
<212> DNA
<213> Homo sapiens

<220>
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 <221> unsure
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 tattgcctcc gtgaagcgag catgacttcc ccgcgcccgg agcctccagg ctacagcgca 240
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<210> 1307
 <211> 372
 <212> DNA
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<220>
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<400> 1307
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 caaggctgcc tgcaccccca tccaggcaca ggaccctggg caaagtctca aaagaggtag 240
 tgtttttact ttgcgaccaa caatacaaca taagtattgg gtacaaaaga ggagatttcc 300
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<210> 1308
 <211> 248
 <212> DNA
 <213> Homo sapiens

<220>
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<400> 1308
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 gcctatatct acctcccgcc ctccctcccc accaatctgg gagaggggag agcagagatc 180
 atggcctcaa agctctcgag cacctggctg aagcccagtg ctgggcgcca tgtgagctgg 240
 aggaagcc 248

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 <211> 557
 <212> DNA
 <213> Homo sapiens

<220>
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 ttcattgcta gtttgatatt ctaacttcta cagttataga ctccactgtg ctttgtgtct 240
 gaattttctca gtatagacat tttgtttact gtatgcttgc atatttattt tcaactttgc 300
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 acctggtacg ttttgtctca tcaggattgt tttaaattct aaactataag tttgttctga 420

ggggccttttg caatgatagc agataactgt acaaatgtac agttagttat agaggttcctt 480
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<210> 1310
 <211> 534
 <212> DNA
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<220>
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 aaaaattggg ttttgtggga tcaagctccc aagtagttca attttaagct tgcaagtttt 360
 aaccgcata ctttttctat tcaaaacccc ccgattgctt tcatccctac ataggatat 420
 atccaatgtg ggaaaaacct ccttgggtaa tctgccgggg aaacttggct catgggaaat 480
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<210> 1311
 <211> 447
 <212> DNA
 <213> Homo sapiens

<220>
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 aatagacttc tttccctaatt tatgtcttcc tcctttgagt ttcttatggc taatgatcat 240
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 aatttgttta ctataaatga ggctggaaaa attggtgaag agccccacag agatccggaa 420
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 <211> 410
 <212> DNA
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 cctgattgct actttttcat cttaaataat atatttcctc atctaactctg ctttccctc 240
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<210> 1313
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<213> Homo sapiens

<220>

<223> Genbank Accession No. AA479488

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aacattatat aggggtgtata gtcccagaca aattatatga agctagattt ttcttgccct 420
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<211> 522

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA479498

<400> 1314

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<211> 280

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA479727

<400> 1315

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gagcaaagtg ctgggatggc gatgcctggg tggggcagag aagtgtggcc aggggaaggcc 180
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<211> 201

<212> DNA

<213> Homo sapiens

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<223> Genbank Accession No. AA479797

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 <212> DNA
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<220>
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 aggaaggagc tcagccccag gagcctgcct ctgcctctca catcctctgc ttccctggcc 360
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 <213> Homo sapiens

<220>
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 catgattgag tctggctggg gatgattcta aagggtcagg aaagtgaaaa gacattggcc 180
 aaaaagagaa gttgcaggga gggctgacat cctacatgag aacacagcag acttccctct 240
 ggccccctcac cctatcacc cttcaattta gaatctcccc ccaatctaca aagatccttc 300
 ctgaatttcc tcagatgcaa tctcttccag aaagctttcc tgggtctgct ctagctgcat 360
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<210> 1319
 <211> 275
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA479945

<400> 1319
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 agccctgccc caccocctgc cctgcggaag ctaagtcccc agctataaga ccctgcccct 180
 cctgggtggcc caggaccctc aaagatgcac acagggggcc cagcgagggc tgcaccgtca 240
 ttagccttct cctccaggct gggctgccaa gcagc 275

<210> 1320
 <211> 421
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA479961

<400> 1320

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tcatcttttt gttcactaat taatttagct gtgatacttg gagtatctga cactctgtca 60
agaacatctg ataatgttgt tgagactggc aaatgaagag tacggaattt gtggcctgct 120
ccatacattg gatgctggat gacgtggcta gtagcattaa ttctaccttt gtacagtggg 180
catggagact gaagaaacat tgtcactttc tcatcttcca gcatcaactg taaaaataat 240
cttcgtataa accctgaaat gttcccagat gttggaaggt tccctctttg aggagatgtc 300
tgaaatagtt cacaaagaac ctgtgccatc agcttttgat tattaggatg gcatgaaatg 360
cactgtagaa agaacgcaac agttgcattc tcaattgctg tgcgctggtg agtagtcagt 420
c                                                                                   421

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<210> 1321

<211> 452

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA479968

<400> 1321

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gagagcctcc cccacaggct cccagtggag agccatcaca tgcccaggcc agccgagggg 120
cctcaggatg gggatctggg caatggcagc aagctgggag gggggtgcag ccaggatgac 180
agcagatctg cagggcgagg tcctcgcccc gggccaactg gctggggccg acagtccacag 240
ctgctgtctaa atgggccttg agcagctgaa gctgtttcag ggcttgcagc acctctgggg 300
tggccccggc acacacccca gcaggttgta gttctcacca gggtccttg aaaggtcata 360
gagcagcggg ggctcatgag cagtcagaga gctggaggcg tggcaggcag ggtctgcagt 420
ggtatcactg tgggcagaga ctgggtgaag aa                                                                                   452

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<210> 1322

<211> 493

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA480975

<400> 1322

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tttttttttt ttttttttgt tactaacgtt ttctatttat tcattaataa aaagtgcata 60
gtacaagccc tttatcccaa tccaagtact cagaaaaaga ttaacaacag accctggatg 120
gcacagacat aatttgtttg gctgtgattt aacatataaa atcagtaatt aacatttagc 180
atatcacacg accacttttg cttttaacaa actaatcttc acacatggta acaaatacct 240
atgatttttc atttagaaat attataagaa gactaaactt actattgcaa caacaaaaat 300
ttaacccatt aaactagaaa ctctcttcat ttttccttct tcaaattact gttttgtgtc 360
ttaaactgag ttggtcaaat ttgagcacat aattcatgta gagtgcagaga ctttcattta 420
gagtgataga cttccaaggt tcctttgaaa atttaagata ctggtaatte cataaacact 480
cccacaccac ata                                                                                   493

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<210> 1323

<211> 225

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA480991

<400> 1323

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aggttttgaa aagagcaatc gctggcatcc ctttaaattt tggctgactc ccaccgtggc 120
agccaatcag cagaggcgga ctggtcgagt tgccctgggca cagggccctg gttggccgaa 180
gacaattagc caccocactg cccactccca acgaaaggga aattg                                                                                   225

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<210> 1324

<211> 172
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA480997

<400> 1324
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ctcaacccat acagcacaaa gattacaatg taacatcaca cattcaccac cagtgagggg 120
agaaaccctt ttatacaatc ctctgaaaaa actgggctaa taattaaaat cc 172

<210> 1325
<211> 375
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA481057

<400> 1325
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tttctacaaa ataatgggta acatctattc cttaattcac agaaatatca caaaacccaa 120
atccttccca cgatatatta ctatttagtc taagctttaa ttcaaagggt gagaatgacg 180
aattcaagaa tttctttcat acataaattg ctttccttag ttctgcagat gggtaatctg 240
tttgagataa gcactgtcat gtttcaacct tagagaacaa aaagctatca acaagatagt 300
ggtaaagaaa atgctagcca aaaaataaca ctattgagaa atagggtgcgt attaatgca 360
atacttacaa catct 375

<210> 1326
<211> 400
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA481060

<400> 1326
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cagagatgtg catgattctc tgtactctta aagtcacagg aaatataact ccacctcccc 120
ctttttttct gatattggag tagcatttca gattttggag attagcttag ggcaaagtaa 180
aagtcattgga aggcatgta taaataacat taattatgaa gctacttttc agaagctagt 240
agtaacttgc ttagtaataa ccacaagggt gtacagcggt cacaatgttg gtattaatca 300
gctacatatt ttgaacatct actgttactg gataccaaag aaagtgagtt atttaagaat 360
cttccattct tgttataagc ttactatgat ccagtaactt 400

<210> 1327
<211> 394
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA481420

<400> 1327
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ggcatagcag acaccctagc ccagtacctg aggtgccagg caggccctga aggcacttgg 120
cacatccagt cccagcccaa gatccagtct acccaggcca tgtccccgaa tggcaggagg 180
cgtctgtcca gtttgtatgt gtggatcagt ctctctgagt gtctgagccg ctgcctgcag 240
ggccccccca ttctccgcac atggttagggg ctgttaggaa catagcgtgg catccccgg 300
tggaccactg ggccccagtg ctgaccatgg ggattagggc cagggattgg aggtggcaga 360

gggccaggca caaagttcac tccagggcca catc

394

<210> 1328
<211> 545
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA481432

<400> 1328
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caggagctct gatcagcatg gaccacttct tccaaagaat ttccctgctg gccgtttgta 120
ggggttggtg taattctata accagtaatg tctgggggtg tgctcctctc ccaggagact 180
gtgagcactc cagtgtcagg gtttgccctc agatgcaagt ttggtggtgg agacaatggg 240
gtcaccactt tgtttacaat tggcgcatct ctttcctgtc catctctcag gacttggatg 300
gtgtagacgt atttactctc tggagtcaag ccggacacaa cgatgcttcc tgagtctgaa 360
gtcacttctc gtggtgcctc tcctccctgg cttgggtcgta caccagctt aaaaccaatt 420
cttgagcag gcgtccatgt gatcacaatg gtggtctcag tcacctcggt gttgtaagg 480
ggaatagagc tcccaggctg cagtgtggta gagactccag tggctttggg gctctcttgg 540
ttgcc 545

<210> 1329
<211> 313
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA481526

<400> 1329
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ttgtggtatt ttaaaaaatc tctcccaaat ttgatgacat agggacagtg gtgagaacaa 120
agtatcccta aaggaaacaa atatcgattg gtgctttcct agctcactga gctaacactc 180
agaagccaat ttattctata atcctaaaga accttaaatg tgggtttggt tgaattggcc 240
ttctgagaat cattgaaata aaggaaatat tacggaaaag agattagttt ccaaaaaatgt 300
gccgtctttg aaa 313

<210> 1330
<211> 395
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA481670

<400> 1330
ctaattatcc ccatttcttc aatatcattt ttgaggcttt ggcagtcttc atttactacc 60
acttgttctt tagccaaaag ctgattacat atgatataaa cagagaaata ctttagagg 120
tgactttaag gaaaatgaag aaaaagaacc aaaatgactt tattaaaata attccaaga 180
ttatttgtgg ctcacctgaa ggctttgcaa aatttgtacc ataaccgttt atttaacata 240
tatttttatt tttagattgca cttaaatttt gtataatttg tgtttctttt tctgttctac 300
ataaaatcag aaacttcaag ctctctaaat aaaatgaagg actatatcta gtggtatttc 360
acaatgaata tcatgaactc tcaatgggta ggttt 395

<210> 1331
<211> 475
<212> DNA
<213> Homo sapiens

<220>

<223> Genbank Accession No. AA482007

<400> 1331

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tcaccccat cttccaaatc atctctggtt tcacggggaa gaaaaaacct agggctgctg 180
tgaatgtgcc ctctcaggtc cctgagttgg ccccaggtag agctgtaaga gatcaggaag 240
agggcctccc tgcctgacgg cgatgatact ggaggcaacg tgtggagcag aaagagaagt 300
cgaggtagtg aaagggagtc aggccttgga gggatgcccc acaactccag cagcgtcgag 360
tattgacgat tgcagagtcc aggattggag aggtaggggc tcccaactgg gcagcgagtc 420
ggcgctctgc agccagagct ctcttctctc ggctactgag ggcggcaaat cgcct 475
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<210> 1332

<211> 347

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA482104

<400> 1332

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acagtgtcct ggcacgtttc caggcgagcc gcgcaggctc cttggagcag ctccctcgggc 120
aggaaaccct gtacgccagg gattggagag gcctgcgcca ccctccatgc aacgtccaga 180
caggtggatg ttcagcagcc cgtccaaagg gatgctccaa gcgctgtggg gtggggccag 240
aagcccggcc acctggggcc tggaggaggc tggagtgtga gagcctctgt gacgcgcac 300
tgccgggcta ctcatacagc cagtgccag cgctgtcctc ccagcag 347
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<210> 1333

<211> 199

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA482127

<400> 1333

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ctgcgtgac cgggcaggaa cctggttctt caggcagtgg ttctgccagg gccacccgc 120
aggacaggga ccatctgtcc cccaataagg gcaggggcta gagtgttata aaatgacaat 180
ataaatagac ttctagaaa 199
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<210> 1334

<211> 126

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA482224

<400> 1334

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acttttggtt tcatattttt tcagttaatt tcagtaaaaa cataatatat aaaaggcatt 60
gccaccattt tcccctcctg ggggtgatcc atcaagccag tgtgggctgc tccagtgggt 120
catagc 126
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<210> 1335

<211> 147

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA482319

<400> 1335

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ctgcacatat cgcatgatga gctatgaacc actggagcag cccacactgg cttgatggat 60
cacccccagg aggggaaaat ggtggcaatg ccttttatat attatgtttt tactgaaatt 120
aactgaaaaa atatgaaacc aaaagta 147
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<210> 1336

<211> 523

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA482546

<400> 1336

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acttcagcac gaccacccca gcccaggca ggcagaacag ctagggtgaag aggcggacag 120
tcccgtctgc ccccgaggag aagaccacag gctgggtggg gtggaagatg acgtccagca 180
ctcccagatc tcgggtcagc acgtgtccct tcagcacctt gacgggcacc agcaaggggt 240
tctgcagaag gtcattgtac accatgccat ggcagacgat gacactgccg tcgtccgagc 300
ctgacgcaaa gagtgggtac cgcgggtgga aggccacagc ccgcagagcc ttcttgtggt 360
gtctcagcat cctgtatggc ttggtggaaa gatccaggtc aaaccacacc agcttgtctat 420
cgtagctccc acagatgacg ttgtcacctg cagggtgcac cgccaggctg gacacccatt 480
tgcagttggg catcagcttc ttggtgagct cctggcgcac aag 523
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<210> 1337

<211> 427

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA482594

<400> 1337

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tttttttttt ttttttgact tatatcttat aggatttatc acaaaatggt actgcccagt 60
gcattttttg aaacaataac aattcactga gagtaataac attcacatat gtaattagag 120
tttaaaaatg taaaaaactt agggtaacaa acacttttaa cttatttttt agacattcaa 180
taagccatt ctcccacaaa ctgtttgatt acaaagaagc acaatgggtt aactgtggca 240
aaacataaga aataaggcag gggaggcaga tacagacttg agaacataag gatatccaaa 300
caattttgtc aatatcaaaa gacaaaatca aaacatcttt tataatataa aacaaatcca 360
tataattaaa tactaattag gtgaaagatt ataggggtata taacatttat tttctctaca 420
taaat 427
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<210> 1338

<211> 406

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA482613

<400> 1338

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ttgacagccc acccaccacc acacaggtag ggcctggccc cagggaagaa gcgggatggg 120
gagagagctg gtgggtccca cgtctgcct ctccagcctt cccaggctgc agccaggttc 180
ccaggcctcc agaggggtggg accacagcag gtgcaggtag tgatgggtgg tgctggcctt 240
gcagagggtta cggggagggg actcagctcc acagccacca gctgagtcgg ggaccccggg 300
gagccagccc caggctcagg tgctcagctc tccaccctag ccagcacaca ttccccctcc 360
acgcaggagc aggaggagat ggagggaagt ggtttttgat ttaagt 406
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<210> 1339
<211> 398
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA485060

<400> 1339
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aatatagtga aagagttttc aaacaaaact cataagaatc tcgaggactt tgtcttttct 120
tattgtgtag aatactaaga aagcatcacc atacagcacg aaaagaaata ttgaaaacaa 180
atcaacagcc tcacacttgg actcgccctg cccaggacc caggaagagc cccaggagtg 240
tgggtgattg tcagggtgtg ggggtgggca cctccatggc ccatcctgcc cctcccttcc 300
tcttcctcac cacctccctc cctctggaga atggggaaga ggagagaatc cagattctcc 360
attccagcct ccctccccc atacaaatac cattcctt 398

<210> 1340
<211> 395
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA485084

<400> 1340
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accctggttt atttttttca acaaaggaaa aaaaaacatg gttcaataat tcagcatttg 120
ggactctggc aagtactgtc tgcattgttc aaaataagtg ttcctggctg tgagctctgc 180
aacacatact gatggcccag gaaccttctt ccatggttct aataaaacaa aggaccaca 240
catggagggt acgtgagtca acaaaagatg ctctatcaca atgtgcgtaa aaagcaagtc 300
tttgaaaaat atccagatct cttaaaggaat acaaacactc ctatttggtt ttgtttttgt 360
tcattctcag tattatattt tagttgttga ggaaa 395

<210> 1341
<211> 397
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA485089

<400> 1341
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aatcttttaa tttactttca ttacaaatat ttgtcaagtt ttgtttcaga aacatttttc 120
ctactctctt gcatcatgca cccagacaca ctacaaaaaa ctcattcata acacagtaag 180
ggcaaacatt attcatgtaa acatctttca ttaatttccc ataattttaa aaaatcatag 240
aattatagat attgaataag gctcatagtt ttagttcaaa ttccacaaga gaccaaagat 300
gctcggttaac cgtgatgggg ttaacttttg gttgcaataa atgctgaaag catacccttg 360
gcttctactt cttcaacata cctcacaacc taataaa 397

<210> 1342
<211> 259
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA485326

<400> 1342
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atggtcagtt aaagttaaaa atctattgct gcacaattta actgattaaa agatttccag 120
atctcttgac tccaagagtc atttctttca tttcttacag atctcacact tccagatttc 180
tcttttagcaa acatgatctg aaatcatttg taggtaatca gcacttcaag catatggagg 240
ctctggctga ggcagcaga 259

<210> 1343
<211> 465
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA485405

<220>
<221> unsure
<222> (1)..(465)
<223> n = a or c or g or t

<400> 1343
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ctgaaatcat ctattattgt tgctagttag cctctcttct atagttgggt aatgttgtct 120
tgccactgtg tttgccatct ctcccaagtg aaaagaacac tttttataaa aaaattaatt 180
gctccaagtt ttcaggccca ggggaggctc tcccattctc ctcccttcaat agtcccgtcc 240
aggtaagagg tgatcttgtg gataaattca tcatacttca ctttgccatt gggttcgata 300
tctgcttccc tgaagagatc atccacttcc tctgtggngt gagcttctcc cccagactcg 360
ctgagtttgt gaccgcaggc gnancgccat gacgtaacct ttcttctcct tgtccaccat 420
caacatggct agaagaattt ctttctttgg gtcctcttgt tttat 465

<210> 1344
<211> 416
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA485413

<220>
<221> unsure
<222> (1)..(416)
<223> n = a or c or g or t

<400> 1344
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caatattgta gccttcagtc tgtggccgac gcnagagccc atggcaaadc actgatataa 180
gtccaagagt ccaaaagttg aagaacttgg agtctgttat tccagggcag gaagcctcca 240
ngcatggnga ggaaagatgg aaggccagaa ggactcagca gggctctgttc tcttccatgc 300
ctccctttca cacatcgga gctgattaga cagggccac ccannggctg aggggtgggg 360
ctgcctctcc cagttccact gacttcaaat gttaatctcc tttggaaaca ccctca 416

<210> 1345
<211> 326
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA485431

<400> 1345
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tacctcctgc ttttccaaca tcttaataaa aaagacaata aggattaaca gtgaaattaa 120

aattaaaaaa tacaaaaagcc taaggttctg gagacaaaac tgactagagt ctatgtgtag 180
ccaagttgtg aatgacagtt tagccttgca gagtttccctt cttctccaat tacaatgtgt 240
tacagaattt ggaagggggt gtcttttaaaa acgttctaata tcccccggt catgaggagg 300
aggaggagga agtccagctc agcaag 326

<210> 1346
<211> 254
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA485697

<400> 1346
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cttgagggac agcccccaag gcgccaggta gccttcaggg gcgggcaggg ttgggggagg 120
taggagactc ggaccggcag ccctggctcc agcttcatca tctgtgtctt cctctctctgg 180
ccaggctctt cgaggggatg caggaggctg ggcacgggtga gctggcaggg ggcttgggtct 240
tcgggtgccc agcg 254

<210> 1347
<211> 507
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA486407

<400> 1347
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gaaggggcta gggataagaa tgaataaaaag tggaaaaact aaaacagaat gatttaaaat 120
gtgcaaatac actttgcaac ctccaccatt caatttaggg attgatatgt atgtacagtg 180
agatccatgt aggctaaagt gagtttctact ttgtagttga tgctacttgt accagttcta 240
tcattagtaa gtcaccgttt aattctgcca aaatcagaca aggatctttc tggtagtg 300
aaacaaggtt ttccatcctg ggctgcagtc tgaccgcga gtgctcagta ggcagcttg 360
tgatgaattc gcacactttc cagttcccca cctccaatgg cggccagggt ctccagcctg 420
tttaagcgct ccaagcttct tccaagaact tcttctagcc gactgcgtaa cacctgagcc 480
ccttccagtt ccacctgcag agttcgg 507

<210> 1348
<211> 169
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA486410

<400> 1348
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acactaaaac acacaattgt caaaaactag aaaaatgagt tatgtccacg ttttaaaagc 120
aaaactttat aaattttctta ccacactcat tcccaagttt tatccaca 169

<210> 1349
<211> 456
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA486511

<400> 1349

<220>

<223> Genbank Accession No. AA487161

<400> 1353

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atcacatgac acttttcagt aaagttacat ttccaattac aaatcaaaat gcatattagg 180
gtctctttat gggagaagct gagaaggaag tcttaggtaa aaagcacttt cctggcatta 240
ctacactgat ctttcaggct gcacaaagat taaggtcata tacagtcaat ctgcaaattgt 300
tgacacaatg ttacactgta aattttctgt acaattaaat gtata 345
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<210> 1354

<211> 367

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA487195

<400> 1354

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aattaccttt ctaaattctgt caaaaaccag ttgtccataa atatgtgggt ctatgtggcg 120
acactattgt accatgcatc tatttgttta ccattaagga aatacaatcc tgtcctgatt 180
tctgaggctt tgtaatagat ctgaaattag gtggtgttaa ccatcccaca tttcctttct 240
attctaacat cttgtggtt tttcttgata ttttgcattc ccatatgaac tttaggatca 300
gtttgtccat ctctatgata aaagacatca gggatttaca atgagattgt gctgaatgta 360
tacatcc 367
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<210> 1355

<211> 395

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA487218

<400> 1355

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tatgtgaagg ataacatgtg aaatgtacac tcaggtctaa caaatacctt ttatttctct 120
gggttaagaag gtttagcagg agcctccaat gagcactgta ttagagaaaa agggaaggag 180
caggaggagg aacagatctg cacagaattt ttttcttaaa aaccacaaag ggtgactttt 240
ttcttctaag caagcaagcc tgagaggcat tacatgggct ggctccta atcaaaacaa 300
aatatttctt tgccacaaag gaacttgact atgtagcaac acatttacia aactactgca 360
aaacactccc agagggcagt gacactactc gctcc 395
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<210> 1356

<211> 486

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA487503

<400> 1356

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attatactaa actaaccaac caaccatcca taccagtctc agagggcaca aacaaatctg 60
tcctctgcag tgetgagact acacatgtga gtagagaaaa tggaaaatgg taaaaaggag 120
gccttcacac cattctcaca tggggccagt ctgttcatgt gggttaacca tttgctgttt 180
agactgaaca ctgacacttg gcaagtggct acttctagaa catgtgtggg ctgagggtgaa 240
ccgggcatta tgtgtatgtg tgaagctatc cagacatgcc tggctactga caatcccagc 300
aaccgttctt tgetgaagag acaaaaagta gcatgaaact gtgtgagact ctcattttat 360
gattctacag gtggaatctt ttagcttggt taggacacac taagcccaa ttctatgccc 420
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tcttggttaaa gaaggggaag aacttgtaat gacatacgat gtggacaagt gcattaggaa 480
caagac 486

<210> 1357
<211> 288
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA487576

<400> 1357
tttcatgctt tttatttttc gggtttattta atcttcttta acacagccat tgttggttca 60
acaatccaat atttgagggtt acattattgc aaaaataagg acatagctga atagggttatg 120
ccatcaatat gtttggttaat cctatccctt ttattaaaga caaagcacag tttgttaata 180
ttgtcttgga ttaactctat ttgtaagggtt acttatagtgt gttcactacta aaggcagggg 240
atttgcttcc tgggccaatt gtcttttaaac tataatttaa gaaatcat 288

<210> 1358
<211> 253
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA487606

<400> 1358
catagcaatc tgaacaacag tccaggctga tatttcatcc ccatttttagg agtgggtgaaa 60
gtgaagctca cagaagatgg gcggtgtgcc tacagccatt cggaggaagt ggaagggcca 120
tgggatctca cagattgctg aacttcctat tgctttctat tatcatatgt taatagaagc 180
ctgacatggc tttagaacct ccatatgtca aatataattc aatgcacttt gtaacacact 240
caggaaatta aag 253

<210> 1359
<211> 417
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA487856

<400> 1359
tacagtataa ccgttacatt ttattatttag ttattgttgt caatctctta aggtgcctaa 60
ttcataaact taatcacagg tatgtatgca taggaaaaaa cagtatgtat aaggtttgtt 120
attatctgtg gtttttagaca tccactgggg gtctggtttt agatatccac tgtatccctt 180
gtggataagg gggtaactgc tgtatctttt agtagaagca agagcagccc catgtggggc 240
taagcactgg acactggtca gtttcagctc ctcatgcaaa gtgaggggtat ccttgtggct 300
ccagccttgg ggccccctgc ggtcaccttt ggctccacag tctggttctt gaaccaagg 360
gcagacagct ttgctacagc ccaggcctga ggatgcactt ccttcaccag gaccac 417

<210> 1360
<211> 331
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA488074

<400> 1360
ggctgttata tagatatata tttaatatata tatgtgtgat tgtgggttaca gatacatatt 60
tgggtgcttta tttatccaga agcatgagtc acatagtaca taaagtattg aatacaaaat 120

tctaaagata aacacaatTT ttcttgaatt taaaatatat gggataaatg cttacaaatg 180
gatttataaaa ccttttcaCT ctacttcatt ctcttggtg tgtcttccga agatgagttg 240
ctagttgcaa cattaaaaaa aaatagctcc ttcaaatcct gacactatat gacataaaaa 300
gaacttttgg caaatattta ttcagattgc t 331

<210> 1361
<211> 469
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA488432

<400> 1361
ctgacatacg gataaaacttt tattgacata ccaaagagaa accaatattc actgaaggct 60
gccgaatccg tattttctaag agtaaagggtg tttaattgac tctccacact taaagcactt 120
tgtatgaaat atagctacaa atatacataa agaattcaga tcacaaaact ctctaggaca 180
ttggctgggc gcggtggccc aagcctggta atcccagcac tttgggaggc tgaggcaggc 240
ggatcacaaag gtcaggagat caagaccatc ctggctaaca cgggtcaaacc ccgtctctac 300
taaaaataca aaaaattagc cggatgtggt ggcgggcgct agtagtccca gctactcggg 360
aggctgaggc aggagaatgg cgtgaacctg ggaggcagag cttgcagtga gccgagaccg 420
cgccactgca ctccagcctg ggcaacagag caagattctg tctcaaaaa 469

<210> 1362
<211> 475
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA488843

<400> 1362
tttttttttt tttgagtctt aatttcagag ttttattgta ttgcactaaa ggaacagcag 60
gatggttata caattttctc tcattcagtt ttgaaaatct gtagtacctg caaattctta 120
agaatacctt taccaccaga ttagaacagt aagcataata accaatttct taataagtaa 180
tgtcttaca ataaaaacac atttaaaata gctttaaatg cattcttcac aagtaattca 240
gcatatatTT ttatatcatg tttacttatg cttaagaatt aaagcaagta tattttattac 300
tctgatggaa atatgggaaa tctctcattc atgcaatata cagggataat attcaagcga 360
agggaaaatt cccgcttttt atttttgtaa atgtatccat atataatcat cgacatgaca 420
gatgaggaaa cccatgaagt ttccactag tcagatatat attttcactt catca 475

<210> 1363
<211> 407
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA488872

<400> 1363
tttttttttt ttttataaaa gtatttttta ataaatcaat gtatttcaat gttgtaacat 60
gatagcccaa tgctatatca aggtagcaaa agtgaagatt cctggtatTT tgatataaac 120
actatgaatg acagtacact tgcattcaac ttcacaagaa attatcttca ggtccatgaa 180
gattctttga cagctgtaac actttttcaa cagtaaagat gtacatgtat tgaaagagaa 240
gacaacgaaa gcctactaac tgatctgggc tctaaaccat actgaagaga aagagataca 300
atggttgtat ggctagcttg ctgaaaaaac atctaaatct tttaaagaaa gaaaatacag 360
catatatcaa agttacagag tagcttacag aaatggagtc ataagga 407

<210> 1364
<211> 402
<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA488892

<400> 1364

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tttttttttc aactcatgaa aagctcattg ctgttgggtg taatagatgc agtttatcta 60
atctacattt ttattgactg tcatctacca aaatattgac ttaaatcctg tagctatttg 120
atttcggact ttaaattgat ctggtgttcc ttgcggggct tcgattgcat ctaaatagat 180
gtgagagtgt aaagacccat aaggggcttc tctcgcttta cgatgtctta ttattttttt 240
tttccttcct ctggttgatg aaatgccagg gtgaaaggga tagccaaata ggctaaagca 300
caagtgccac tctagtattt cggcagagtg cccaataaag gtccacgaca ataccatcac 360
acatccgctc ggggatgaac aagggctgac tgactgataa gc 402
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<210> 1365

<211> 427

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA488987

<400> 1365

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tttttttttg aatgagaaaa catttattcc gtctccaaac agcatcccag gccgggcatc 60
tcccccacga ttttataata cactcggcac agacagagtc tgggagccat ggggcacccc 120
tgccctcccc aggtctccta agtaacaact gcagaatatt tacataaagc tgggtgttgt 180
caggcaaaagc ccttccctgc tgccaggggt gggagcccgg aggaagtgcc atgagcacca 240
gccccgccct cacaccacgg gaggcagccc agaggccacc ggcacagggt ggtggccccc 300
agatcataca gcagtgggca caggggaagc aaacctgagt gaggacacaa gagcctggtc 360
cggctccgct gcacagggca ggtgtgatgg cccccacgag tctttggcag agaacgcaga 420
taatage 427
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<210> 1366

<211> 392

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA489009

<400> 1366

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tttttttttt tttttttttt tttttttttt tttttaactg aaagaagttt aatttgcata 60
tctttgtaag tttttttcat ataaaaatac atgcacaaat cataaaaaaa aacatcagaa 120
acaatgtcgc atttgaaaaa aatgggtcca ctttattact gccactacac tgttcaggcc 180
tataccatct tgtgtggact gttaccagcc tgtcagctaa tgcttttgat gaaatttaca 240
cttcaataaa ttgacattta aatttacaca caggtcaatg gtaggtttta gactgtctct 300
gctatgttga ttgactagac agatccaggt gtattttaga cttggaatac gacaatcttc 360
acttacagag aaaatagttg tctaaaattt gc 392
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<210> 1367

<211> 306

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA489061

<400> 1367

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tttttttttc agtgacttat caaaaattta tttcatataa taaattatat aattttatttt 60
catctttaa cagtctacac cgaaaacatt tttggaaaca tcttttcctt ttggtaaaac 120
agggttagcag gctgacatca gcttcatatt ctcatggcta aaatccccca cggttataca 180
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gttaagcata gcctttcttt gtattttctca agttgacacc acttgatata aactcagaca 240
atataaacat ttctagattt tgcttaaggc cttagcttta actgcagagt agtgagtagg 300
aaatta 306

<210> 1368
<211> 192
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA489091

<400> 1368
tttttttttt tttttttttt ttttttaatt tttaacaaaa ttttatttag agcattagga 60
aaatcatatt caaacacag aaataatcag actataacaa tgctgcatag atagtgggtat 120
acaagttccc tgactctaac ttcttcctaa cttaaaagtt caattttcaa gtcaccagggt 180
agaaaatggt gg 192

<210> 1369
<211> 399
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA489629

<400> 1369
aacacttcac taatagagct aaactttatt tccatgttta ttacatgttt ataacttgat 60
gttgagtaca tattagaata gacttaacat acaactggg agaaaagctg acattctcca 120
ctgaatgggt taaaaaggaa tgtaaaacta caaaatactt aagtgtgagt tctaaattat 180
ggcaaacaga acaataaata ccttgccatt tttctttcta attttccaag atagatttca 240
ttataaaaaat tgtttgataa caatttaaga agggaaaaca agggatactc ataaaaaaca 300
ttttacttta attatagggt acaaataaga gtcttaacac agaaatccta cctcctattt 360
aagatataaa tacttgatga tataatcaat caagaggga 399

<210> 1370
<211> 430
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA489636

<400> 1370
atattaaaag actttattca caatagagaa attttacaaa tataattttt aaaaattatg 60
tgtcaatcta ttgtttccca taacattgga gatttatata taaagttgaa atgacagaa 120
tggatttatg taaaaataaa aaacaatcaa tgtacacaat gtgtagctca tatgaaaacc 180
tcatgacaag tcattgaggt ctgtaaactg ccatacaact tacatgtgta atattaattg 240
cacaaagtat atcaagacat attgaagaaa cacaaaatta agtgctattt taacggttca 300
tctttcagta tgtgaatacg tatacaaatt taactgcaca gttttgttga aaataagttt 360
caacaataag acttcagttg ttaaaaattaa cccaaaatat aactttaatt aaattacatc 420
actacaatat 430

<210> 1371
<211> 459
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA489707

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<400> 1371
tttttttttt ggacaattgt gaacgttggt gttccattct ttctttctcc aatttcttct 60
gcttttcacg ttccattttt tcaagacctt cgcgaatcca agcgggaaga gtcctgcgtt 120
ttactgcgtc aatttgtgga ggctcctgct tcacaggaag tgcaataggt gaacgctgac 180
gatccctgaa tgatgatggc ctttctcttc gattctgggg aggtgctgga ggtcctggag 240
gtcctgggtg ccaataagga ggatgaaatc caccttgctg tggacaaaa gcagcccat 300
gctgatagtc aaactgggtc actggcccca ctgcaaaatt atcgggtggt ccaccaaagt 360
tgtgattgtt ctggttaaat atatgcctgt tgtcaggggc aaattcccca ctgtcctgac 420
tgttgctgtc ttcagaagga ggaacaatgt ccattgggc 459

```

<210> 1372

<211> 483

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA489712

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<400> 1372
ttttttttta aactgtttat actggtttaa tccatgtcaa atgtagttta caaagggaaa 60
ggacaagtac ctttgtatag aatatacaga cacagcatca caccacaggg cccacgggag 120
ggtcggggag acgacacttt ttccctggga aaggcagctc taatcccagg aatggttctc 180
agcagaggct ggggtggccag gagcactgtc ctctagcccc ctaactcagc ctctgcttca 240
gctcggttcc catttcctgc ctctaccccc caactcctta taaagagccc catgagctaa 300
gactaaggag aggatcatgt cccttggggc gtgtgccatg tctgggagaa gaaatatata 360
ccactgaaca ccgagcacat gggagagga agggacacca caggagagag agaggcaggt 420
accccaagag gtggatgggc cgagtcccca gccaacctg aaggaggcgc tgcttccagg 480
ggt 483

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<210> 1373

<211> 454

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA489798

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<400> 1373
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tgggggaaga cagagctcac tgccctgtgg gtctctgtgg ggccagcccc tgatgccccat 120
gtggccactg atgccagct tcccccaaca cccaacaca ggcccaggac aatattacaa 180
aagtgaacaa atgcaacctt tttctgcttt tacaaatgac atgtctccat ccccgccag 240
caggggtagg ggaggccggt tgaaagtgc actccgttaa aaaggcaaca acttttataa 300
aatgaagact aaggaaacag ccaggggttc ggaagctgag atgctaccct gggggtgaga 360
gcatagacat gggtcgggca gacctgtct ctttccacgg cattcctggg agggtaagaa 420
gggctgtcgt gctcagggcc agtggggact gaat 454

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<210> 1374

<211> 465

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA490159

<220>

<221> unsure

<222> (1) .. (465)

<223> n = a or c or g or t

<400> 1374

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ttttcagtat caaatctagt tttaatcttc tataacaagt caccttttct tcccacctat 60
atccaactgc gcctagtggc acagtgagaa tgatggcctc ctctctttcc ctggagtctg 120
aggtattggc aacagcagtc gccactgct gagaggactt aggacccagc agaagtcaag 180
ggtcattagt gccctgcagc tgcagganta gcctcacttc aggtggggat ggggtaggat 240
gcgggcagga cagggcctag gaaaaagaaga agggtagcagg agccttcctg actgcagaag 300
tttcctgttt gtctgaaggc aggaaatagg agctaaccgga gtctaaggcc aaagggtatc 360
ttttaaatag agcataggat cagggagctg ggacctcact agccactgat aacttccagc 420
gccacccggg tgagagaaaa ggcgagaaaa tggaaagtga aaggt 465

```

<210> 1375

<211> 437

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA490212

<400> 1375

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ttaacggttt aacattttac taaatcaact cacacaaatt ccaaattgca aatataatta 60
aggacaacag attctgcttt gccttattaa atctttcatt ttcaaattcca tcaataagac 120
aaaaagtaac caaaaattag gtctgttgca aattcatgat tcttctgagg ggggaaacca 180
aaagaacatt agagtaaaaa gaacgccact ggaggatgta caataaagca ccacaacaca 240
cgcttacaaa cggggcttcc tggcttcggg gacaggtaaa agacgctgtt ctccccactg 300
ctgtgcgtca atcaggggtt cattaaaata aaactataaa atctcctagg ttacactaag 360
tcagacacgg tctggaacac agtgcttaac aacagtaatg ccaactatca gtgctaacat 420
aaaaacattt tagaagg 437

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<210> 1376

<211> 342

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA490214

<400> 1376

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tcacactgtc acaattttatt gaaattttat aaaaactcag gccaaagtgga agaataaggt 60
acaactcaag agtacaaaaga caactccgtt tccgttcagt acttttctcc tcagcactgg 120
tggtaaagaaa gcccttgct ctctagtagc caggcagcat ggacttacag tcttaaaatg 180
aggctttatg tatttcaggc tggaggcagg ttgccttttc tcctgaggaa tctcaggcag 240
ggtaaaagtt acttaccact cagtacctct gtgccagaag aaaagctcaa tttattcaat 300
ccttagaaaa gttactatcg tcccctgggc agacactaag gt 342

```

<210> 1377

<211> 332

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA490494

<400> 1377

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tttttttttt ttaacaaaca cctaattgtt attaataaat tagtacactt gaaggcattt 60
ttctgatatc ggtccttcac cactaccac aaaccccacc cacacaaagg gagtccacgc 120
cacctttgca ttggaacctg gcaactgagc attagaaggc acatttgtaa atgggagcat 180
agttgcaaat atatcagaca agggttctta cagttgcagc catTTTTaat taaagtaatt 240
ggtgaaaggaa tcccaccagg accaaggcct tgagagcaga ttggacctat tgattatgtg 300
tatataaaaa acaagacatc ttttaaagca aa 332

```

<210> 1378

<211> 388

<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA490620

<400> 1378
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cgccctgagg ccacagcctt ttcccagggc tgctggcagg gtcccagggc tgctggcagg 120
ggttgtgggc ctgttgagca gaggagcgac gccgctgccc tggcccccgc tgccctatg 180
atcctgcact ctgggggtggg agctacatat catccttggg caccaggcag tagaagtctg 240
tgcgggcact gtagtttcgc gagccgagat ccgagacgtc cacttcgctg ctccggctct 300
ctcccagcga gacccactg gtgtgcggtg gagctgatgg ctctccaaa acaggccccc 360
ggacaccag gtcgccctca gggtcggg 388

<210> 1379
<211> 493
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA490670

<400> 1379
tttttttttt ttaagatttt caaaatattt ttatatagaa attttttaca aagattttac 60
aacatagcaa atcattatgt catactgtag aaagatgaag caaaggatta aactccaagg 120
ataaagaag tgctcatagc aacgtattgc agtctccatg aaagtgcata taaacgggta 180
aggcaaagta ccatcttggg acagacatgt tgcaaactga cttttaaaac aatttttta 240
aatatataca aacttttttt cttctattct tctcaaaggc atttgaaagg gatactttta 300
tgaatattct tgctgtagaa caatgtagaa ataacttctg ggtataaaac agtaaaaata 360
aaaatattct acctgagtgt gttaaatacca gtgatttgta aaacaaaacc ttcacaagt 420
tgggctttct acatgtaact tgccaggctg aaggcttaca cctcatgtt ctacaacaca 480
gatcactaat gat 493

<210> 1380
<211> 312
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA490775

<400> 1380
gctgggatta caggtgtaag ccatcacacc tggccctagt gacaggtttt tatgggtact 60
tttagatgat ctaagaaatc atgtgcatat atctttcaga tttttatttt gggaaaatgt 120
aggtttctac aacatattgt ttcagtgttc aaataaactg aaggactcaa cattacattt 180
gaactatata cttccttagtg ggttagtgtg aaaaagagtt tggctgattc ctaaaactct 240
gccagccctg cagtaatctc cagggcctgg ttattgttca gacattccat ggtgattcct 300
gggaaggag ct 312

<210> 1381
<211> 233
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA490882

<400> 1381
tttttttttc ataatgctaa tgcaagaggg cttgaagtat caaagagtcc acaggaaatg 60
gatgccccca gtaatatctt ttttttaaaa aaaatatata ttatataata tatattatat 120

atataaaaaag ctagtgtaaa tgcttccatg gtgtgggtcac aaatttgaaa gatgaacctc 180
ctttcagctg ttaaccatct tcccatttgc aacagggtttt aaaaagtcgt ttt 233

<210> 1382
<211> 405
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA490890

<400> 1382
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tgttttaacc cttaaaagaa aagtaatctg atgttaacca atcagcattt tttcctgtta 120
cagttctcac cttacaaaac ccactgcttt gccactgcc agtgagacct ctcattctat 180
tttgtagaat ggaggctgat ccgattcatg catcttgaat aaaagccaat tagatctatg 240
attaaatttg ttgtaatttt gtcttttgac aacatgtata ttaaaagtac tcaatctggg 300
tgttattggt tttgatagaa aaaataacta tgctacactt atccacagtc cttgggtcagc 360
caacttcagg ctcaaatatg tcacattaca ttctacaact tgctt 405

<210> 1383
<211> 253
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA490947

<400> 1383
tttttttttt tttttttttt tttttgcaga accttgaaat aaaacatggt ttacagtaag 60
ttcacacaca ggcttaatgc gaaccagagt aatgcacaga tgattgccaa gaccatattg 120
acaaattgtg attagattat aacgcatagt agcctgcctt acattcagca agttcaaaca 180
ggacacaaaa ccagtcaact gaacacagag cagctctctt cagaagcact tccaatgagt 240
gatgcagaga ttt 253

<210> 1384
<211> 361
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA490964

<400> 1384
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ttttttcttca caaaatcttc attatgtatt tgatggaacc aatatccttg aaataacata 180
aattccaagc ttaggggtacc tttgacgtat aggggataaa agaaagggaa cagtcaatca 240
gatgctaagt tctcttagtt ttacttttct tgtttctctc cagtgcaaat agcaagcaat 300
acacatagca agtgctgaat aagtgtttt ggaatgtgta ttctaatttc tgaacctttc 360
c 361

<210> 1385
<211> 448
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA491000

<400> 1385

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atgtttcacc aatgttaagg tacaactctt gaatatgcag cgtagtcttc tctctttatt 180
ctgaataaca gaagcacgta aattaaatta tctcttttgc acaattattc cccccaaaac 240
taattttataa catataatta tctccctaaa aagcagttac aaaccataaa ttgaatatga 300
ataaaatatg aaaaagagca caaattttta agccctccat gcaaaaaaaa attaatacat 360
tggctttacc tataaacctt attttgttta tgctaagcac agaaccctta tgggctcata 420
ggagtcagca aacagctaca gatgagtc 448

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<210> 1386

<211> 422

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA491001

<400> 1386

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tgtccccact cctcccccaa tccccaaaat ctgtgctctt ctgcctgagt taattcagct 180
ttgctgagcc tcctgcaaga gcttgagcag ggggtcgtca gccctgaggg aaaagggtgag 240
cgtgcgctgc tggtagtgcc tagggtcaca ctccaagttc tcgatcacct cagccagcag 300
gtgggcccgt tcaggcctga gccggggggc tcgaagccca gggcggtgaa gtgcacatgc 360
aggtggtagt aggagggcag gtagtgccag tatactcgca gatggtctcc cttcatccgg 420
ta

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<210> 1387

<211> 451

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA491188

<220>

<221> unsure

<222> (1)..(451)

<223> n = a or c or g or t

<400> 1387

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cggaagaaac gcgagcaaga acgaaaggag aagaaagcaa aggttttggg aatgcgaagg 120
ggcctcattt tggtgaaga ttaataattt tttaacatct tgtaaattt cctgtattct 180
caactttttt ccttttgtaa attttttttt ttttgctgtc atccccactt tagtcacgag 240
atctttttct gctaactgtt catagtctgt gtagtgctca tgggttcttc atgtgctatg 300
atctctgaaa agacgttatc accttaaagc tcaaattctt tgggatgggt tttacttaag 360
tccattaaca attcagggtt ctaacgagac ccattcctaaa attctgtttc tagattttta 420
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451

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<210> 1388

<211> 155

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA491208

<400> 1388

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tttttttttt tttttttttt tttttttttt ttttttttag ccacaaaaca ttttatttac 60
aaaaatatata ctgaatacta tacatctggc cccatcacca tggaaacaac tccaaagcct 120

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gcctggggat ttgtgcccac gccagccca ggagg

155

<210> 1389

<211> 443

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA491223

<400> 1389

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cattttcaa ataacagattaa gttgctttcc ttacaactaa aagcttcaat tactacattt 120
caactttaat ttaacatcac atctacatgt gaagcttta tttcagggtc ggagcagctg 180
taaaatgaaa gttaccactc cattctagtc cttggatatc agtatattcc ccttcacctt 240
ccaccctatt ttcattgaaa tttccagtat actttgcccc atttggaat gtgtaagtcc 300
ccagtccatg aaacatatta tccttaaatt gtccttcata tactgctcct gaaaaatgct 360
caagtcttcc aaaaccattc atcttgatc ctttcagct tctgtgtgtag acaatcccat 420
taggagtggg atgaatacct att 443
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<210> 1390

<211> 529

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA491295

<400> 1390

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gccccccaga ggcgacgcgg cgcgcatgcg aggtcgagcg atccaggcag ctactcgggc 180
tccatggcct cctccggccg cagtggatgc atgctgctgc gggagccggg ggcggggggc 240
cagcaacttt ccacgcaggg actgcctctc acaagagcac ttcctcctcc cccacggggg 300
gcggtcggt gccctggagg ttgtcttcgc tgccttgctt cgtgagcaag tttccaggcg 360
ctgacagtga gcgttcctcc cgccggctgc cctcgaatgg gttcccaaag gagcgtttac 420
gtatcatggg cttcaccagg atcacggttg ccaagctggg aatgtgtttg actgagttct 480
cgacctctc ttcagtcact tcgaccagcg tgcagttctc atcctccga 529
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<210> 1391

<211> 296

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA495758

<400> 1391

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tccatgtgcc tctgggtaca aaagtgcctc aacgacatgc tctggaaatc ccaaagcca 180
cagtctgagg ttgatatcta aaatctatgc cttcaaaaga gtctctgttt ttttttttta 240
acctggtaga cggataaaaa gcagtgcaca taaacaccta accttctgca aaaaaa 296
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<210> 1392

<211> 501

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA495803

<400> 1392
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ttcaattttg taaaatgcag tttgcagaaa agttcaacaa ttactagact aatgataaga 120
gaagcagcat tttgaaacta atttttacaat tgagaagaca acagcttttt ttctaaactt 180
cattaaaaaa atataatcac agtgactttt gggctaggaa aagaagtgc ttaacttcat 240
ttatgttttt tccttccaca aagagagcgg ccacaatttt gtacatccca catacaaata 300
cccaattcat ttatctttca aaatactata tacacacaaa aggggaagaa aatatacagc 360
atgtgctttt ggtaacatat ggaatttgct taaagaaaaa agtcagaaa cacaaatcca 420
ccccaccact ccctcacata ccttttaaaa caaactaaac ccctcaacaa ctccctactc 480
caaccttggt gacggaattt c 501

<210> 1393
<211> 490
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA495820

<400> 1393
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gtgtcgagca gcgtgccgtg gagcacgagc actgaggcgg cacgaaggag aaacaaccgc 120
cgccgcctgc gcaccggggc ccgccgacag cctgtccacc gctgccgggg ccgccgagct 180
gagccggaag gtgcggggcaa gagccgcggg tctggagagc aggactgggt caacaggccc 240
aagaccgtgc gcgacacgct gctggcgctg caccagcagc gccactcggg gcacttcgag 300
agcaagttta agaaggagcc ggccctgact gcagttgcaa gaacagcaag gaaaaggaag 360
ccctctccag aaccagaagg tgaagtcggg ccccctaaga tcaacggaga ggcccagccg 420
tgctgtccac atccacagag gggctcaaga tccccatgac tcctacatcc tcttttgtgt 480
ctccgccacc 490

<210> 1394
<211> 377
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA495857

<400> 1394
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cactcaacat caggggatgc ctgaggagtg cgagctccac agcaacatgg caggcaggag 120
gtcctcagaa ggtgtcagga ggttccacac tcgccagttc actggagcag agtcccttcg 180
ccacacttag ggtcccagta agccatgcca gcattacctt ttgcgtagtt aaacagacgt 240
gtatccagtc tagttaagga agaaacatta agattgttta atttttaaca tatattcaag 300
aattttaatt tgtaaagaat tgagccacat tgaacacaat tgaatgagat tcagaataaa 360
cttataacat cttaaaa 377

<210> 1395
<211> 385
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA495924

<400> 1395
taggaactac agtggttatct gtcattttca tgccaatttt ttctattaat ttgtgacttt 60
acatagacta tttcttaaat tataggtaga ccaatagctg gtgctgggga aggatgttta 120
agcaacatgc tttctcttct ctgcagactc taaaatagca ttgccagtgc acgacattca 180
taatttaaaa tgtatgcaga cactgaaatg tataaaaagc agaataaag aaaataaaat 240

ttattaaaaat tatttatatt aaaaaatgaa gtatatgaag atctctcagt aataaaaagta 300
caaaaagcta ctctttgcaa tatgaaaaat tgaggatttg cataaagaga tatcccgtca 360
gtgaaaagtg tgcctaaaaa tggtc 385

<210> 1396
<211> 501
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA496053

<400> 1396
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tctgtgactg taatactaac gattttgatt ctaatttttt gtcttattga ggtaaggaca 120
ataattaatt caggttttca gaaagcaatc ctgtctttgt gtggattcag aaccacaaa 180
ctgaaaacca aagccacttc cccacttgac attcttcttc agtcgtttta ggctgaggta 240
tgctttgttc ttttactgca gtgtatattc caggattttt aaaggatcct cgcttccaag 300
agatctcaag tcacccttac tctgccacta atttatttcc ttgttgctga aatgatgaga 360
gatgtataat ctccaccctc acggagtgtg catcacccctc gcaaccctc cgtagtcaag 420
gccttcttct ccatgaaatt ttatcattaa tcgcttcag agatcttttg gtctcatttt 480
catgacctgt caatatgatt c 501

<210> 1397
<211> 472
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA496204

<400> 1397
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ttatttgata gacaaggaag ctgaagtgca gaacgattaa tttgagtaat gtcatttagc 120
ttgcaagtgt caaagatggc atttgaacct agacagcctg gctccaccat ctggactctt 180
acagccttca atctctaaga gggggaagga acttacatga catcctactg ggaatttgct 240
agaaccaga tctctctgcc ctgcggcaaa aggtacaaca gggaaacacg agaatgggtc 300
tcagaggcac ccctgggtacc cccgtcatca cctgctgaga cagagagcct ccctggccat 360
ccaggaataa tctagaagtt atcgcccaaa accattttac tgggagaaca aacaccagga 420
ggctaccttc tagaggctgc tgggcctcag acctcaagaa gtggaggcct ca 472

<210> 1398
<211> 476
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA496245

<400> 1398
ttttaagggt tgcattgttt tttataatta caattttacat tactccaaca gaggagcccc 60
cttgctatgt tctaattctt agccattaag tctacaaaa ataaaccaa gcttttacag 120
taacttaatc aatacagaac taaagccttt atagctatta gaggggttta gttaccaagg 180
tgcttatttt cgacaaaatg ccctgtcact cagaggacgc atgcgtatac taaagtctctg 240
accatcgac tcatgcaaca aatgtagacc ccaccctccc tccaccact gttacaacac 300
aaacacaaaa caacgatgta caacagaggg gaaatatgct cttggtcaac tgaccttgca 360
gaaaagactg gcttggttcc aagtggatga gaacgccagt gtgtggccag agtccagcaa 420
tgactgaccg gccaggtca gaggctggca gggaccacag aagggccaaag gcgctg 476

<210> 1399
<211> 491

<212> DNA
<213> Homo sapiens

<220>

<223> Genbank Accession No. AA496423

<400> 1399

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tcggcacagg ctgggtcatg ttgttgccac cctgtgtgac ttttgaagct gtaaaatgtg 60
cttccagggc ttgggtggcg tcggggcagg gcgccgaggc ttggaggaag cccttctgcc 120
ttttgctggg gtttctggaa tttgctttcc ctcacctctc acttccttct agaaggagct 180
tcctgactgg aaccagagaa tgcattgtctg tccacttggg ggctgctggg tggggccggg 240
aacaagggcc cctgacctg tgtgctggcc gggacctgcc accagcccc cagcctgctt 300
cttcccctta agctttgtgc cctgggatgc gctaacattc actcttggtt gtccctggac 360
tgcccatgaa gtgaagagaa ggttaatttt aagagaattc cctattttatt tgacaaaaaa 420
tccagttaat atattaatgt gaaataaaacc ctgtttgcac ctcgatttgt ttgctgaaaa 480
tgtgaaatag t                                     491
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<210> 1400

<211> 421

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA496715

<400> 1400

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accttttggt cacttatgta tttatgaatg gaaaaagttt ataatgcaaa tttcactcat 120
taaaaaactt aggtacaaat tacaacatta cagataattc tctttttgct gcttttggtt 180
cacatggaga ctttgagac tcaattcacg ttaagacacc taaggtagc gtcctccagg 240
taaataattac acaaatggga agcatcttga atttttaagt atatttcaat acataaaattt 300
ttatgcatgc tttaaacaaa cagtattttt tttaaatgag agaattctaac aaaaaaagtc 360
tgaccagcac cagcatttaa attttctgat tttaatatta gtctgacata gcgttagtaa 420
c                                     421
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<210> 1401

<211> 379

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA496914

<400> 1401

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ttttttttt tttttcaaaa aaaaatgccg tttattattg tagattattc ttttcttgat 60
ataaccagaa ttgaaaatga aagaaaagca cataggaaca acacgcgtgg ttagttagta 120
actcaagata taaaacaatt ttgcacagca aaatatgtaa aagaaaagta actgacaaga 180
tttttttata tttattgtgg taagattttac ttttcatttc tttttaaaga caggatgtca 240
gtccctgaaa ataacattta ctgattattg cttttaaaac tgtggatttt tttttaagtt 300
acagaaaatc cagttctgca ccacaatata actgtaaaaa aatctgcac atcttaaaac 360
tgtgcagtaa tgccatttt                                     379
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<210> 1402

<211> 374

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA496927

<400> 1402

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gtttttaata cattcttggg atgttggcca ttcagacagc attatttcaa atatagatga 120
gttatccaac tttttttgac tcaaagatag tttgcttaga tttttttttt ttgagatgga 180
gtcttgctct gtcaccaggc tggagtgtag tggcgtgac tcagctcacc gcaacctccg 240
cctcccaggc tcaagcaatt ctccctacctc agcctcccaa gtagctggga ctacaggcat 300
gcaccaccac acccagctaa tttttgtatt ttttagtagag acaggggttc accatgttgg 360
ccaggatggt ctgc 374

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<210> 1403

<211> 363

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA496936

<400> 1403

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tttctgggta aaagcacttt attgattaca gtatcaattc acaacatttc ataaagccac 60
tgtacaaata gaggaatgaa tcaactgtgta agaaagatct aagaacagtt aaatcatgat 120
acaagtccat agtttatatg gtttagagct ttaagagcct taatctaaca cgtttaccct 180
tcccataatt agactactac tgacattcat gttcagttga ccacgagtgt gtacaaatca 240
ttctaggtaa agacaaacac tttcagaatg ctttaacaga aaaataattt taatcaactt 300
taaaaacaca cttagatgtg gatgcctttg gataggaaaa tagaaatgca agtggttcaga 360
tgc 363

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<210> 1404

<211> 472

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA496981

<400> 1404

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aaactttggc atttttattc agacacgtat aaaaacaaaa caaaaaactt cagtgatata 60
acagacgttt tcccttagtt ccccatccaa ggggacagag gtgtgcagct gaagctggat 120
cttttttctg tcctacctgg aagcttctca ctgctggatg agaatggctt ctaaaagtgg 180
atcttgggga tccttgtgaa tttgccctcg gataaggagt gaagatcatt tacggcacat 240
gtggattatg gtttacacaa agatgtccag ttatttttcc ttctgactac cccaccacc 300
acttctgag atgagatgtc taggtatagg aggatgtggc tgttgggggt agacttgatt 360
cagtgcataa acaagaaaca gtgcccctta aacaagggtc gtaacttaaa tcagtttttc 420
ttggcacctt acaataagag cacatgcaca ggaattggga ggattttgca tc 472

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<210> 1405

<211> 451

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA496993

<400> 1405

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ttttaataata aaatgttttt aattgttttt gaaaacattt aaaaaacaat ttttgagcac 60
tttaataaaa aaagagaact gaaatgtctc cgcaatatct aactactgta gtttcagcag 120
gtacaacaga caacaaaaca ctgggggaaat ctgacttttt gcactaaatg aaacatgaaa 180
cagggcttgt ttttgtcatt tatcgtgtag taaagcacat tatagtacaa gactattata 240
tgaacctcag aagcactgca caaaaaaaca ctttccttct tttcagttca aaagtcagtg 300
cttattgcaa ttatatgcaa aattattttac ttcatgaagt tttatgataa acagtatgca 360
aaatgtttta aacatccaaa caataaaaaat aatctggaac agaacatatt caacaataac 420
taagcagaat tagtaaacad aaagtaaata a 451

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<210> 1406
 <211> 273
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA497018

<400> 1406
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 aaacttaaga aactggaagg aacaaaatgt tcatgatagc ttttttgtga gatggttagga 120
 ttccagataa atgcttttca ttttctccct tgtgcatctt tgtgttctcc atattttcca 180
 taatcaatta tgtttacgat caggagagag tgctgagaga agaacagagc tggcgtgaat 240
 gccctggggg ataagggtg atggcaggag ctc 273

<210> 1407
 <211> 252
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA497031

<400> 1407
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 gacctttct caccagaggg tgctggccgg tgcccagagt ggcaggcaac atagggaggg 120
 gctccctgca tggcccggcc cgctgccagg cccgctgtct ctgggtgctc agtgtgtggt 180
 gctctgagga cacgggtcct gagggccttg ctcttcatcc ttcacagtgg ggacacggcc 240
 ctcatgccag cg 252

<210> 1408
 <211> 297
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA497052

<400> 1408
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 caatttttat tttttatttc atgtcactgt tttgtctttt tttttttaaa ctacacgagc 120
 agaacatgca gctatgtgtg tgcgctgata ttgtttaaag gtaatactta ttctcggaag 180
 gcaaggcaca tcttgtggta gaaaatttcg tgcaaattag gaaacatgga atttttttaa 240
 aggtttttct tgtatctttt tttttttttt ttttttttta aagaggaagt ggggggt 297

<210> 1409
 <211> 446
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA504111

<400> 1409
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 taggtgaatg tgtagccaga gggaaaatat cctatgtcaa gtttcaaac ataacaagca 120
 aaaataagtt tatttctaaa agaaatttca gtgaaagaaa aaggatgttt attatgacat 180
 aatatattga ttcctaattg tggatctatt aactgtttgt ctaatctagt caaaatattt 240
 aagctgtttc tgcataatgta aataaggctt aaaaattaga gaacaaaatc tgttctctaa 300
 ttttacctag taaaataatg gtaaagcaat aaactaaatt tacaaggtt tcatagatat 360
 gcctatcaca agtttaaaat aaaaacaatc aggagagaag catgtcaaca atgtgtaatt 420

taatttcaac aatgtgtaat ttaaac

446

<210> 1410

<211> 331

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA504264

<400> 1410

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tttttttttt tttttttttt tttttttttt tttgtgttcc aataaaattt tttttatgga 60
cactgaaatt tgaatttcac ataattctca cgtgtcacaa aataattctt ttgattcttt 120
tccaaccatt taaaaaatgt aaagaacatt cttagctctc aggctacaca aaaatatggc 180
tatactttgt caaccatccc tagaccctga acagcatttc tgaattagta acacttaggt 240
gtcctaataaa acaggttttg gatagctgtg tgtaaggag tccctaataaa attcataatg 300
ccaattagca taataaaggc tctaagcctt g 331
```

<210> 1411

<211> 538

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA504270

<400> 1411

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tgcaaatgat aattagaaag cattcctggg agcttccaaa tagctgagat tgcgagcata 180
tggaacaggg agcagcaaca gtccatgatg cagggatgtc caagttagta gaacctaat 240
tccaagttca ggacttccat caggtcactt tggagggaca cctcttaaaa ttgctagctc 300
ctggaatgtc ttctgttttg ataccatct tctagacttt tgccaattct aaatttagtt 360
cccaatgttt gtgaaagtcc aaaatctgtg cggctatgaa acagatggta ttctgaattt 420
tctcacatga tttgctctct catctatttg gacaattgtt agttatataa ttatattcat 480
ttcaaatgaa taaaagagaa cagcgatact gtttggtgat actagatatt agatgtta 538
```

<210> 1412

<211> 541

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA504324

<400> 1412

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gcgcaaaaaa ctcccaaaca ctttaacaat acaattaacg cattatgaat tatatactac 120
tcaaagcccc aaggtcagaa ggtcaatcag cttaacgctc caaacatttc cagacatggg 180
ttttcaaagc tacctttggg ttttggaata accagtatgg aagtcaatat acattgaacg 240
cactgaataa catttgctta tagtaagggtg tccgacaaca ttagctcaca cctggcaagt 300
tgagcatga tctgaagtca tacactgaaa tccatacaca ggtttcgccc ccgagctcct 360
gcaggagaaa gcgagggccg tgaagggggg agaaaaggcc agtccgggtg tggcgtttct 420
cgctttgtaa cagaggtatg agagtttaac actagtagac tgtcaagtca ttaagcttca 480
tgttccacat ggtttcttgc tgaggcttga gatgggcaca aatggtgggg aagatgaagt 540
c 541
```

<210> 1413

<211> 452

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA504413

<400> 1413

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tgagacaacc agatgctgta aaaaaaaaaa cagcactggg atgtgttgag gagggggcag 60
tttgctgtgc tctgttctgt ctgctgctct ctctgggggc cgcacaatgt ccgcacacat 120
cacggagggg agaaaggcat cagtaccaa cgaacaacc tcttttttct acattgtcca 180
taccggaca tgtgaggctc tattatcaac aggtgggtgag aaaaattctg tttttattcg 240
ctttctggta acttctgtag gccctggctc aaggacttag catttcgtct catgtacatc 300
ttttctgaa gtgttctttg ccatttctgg aattgtcctt gggttttctt tagctcatag 360
gtcatagatg cagaaatata gtattttaagg catccgcac cagcatcaga tggctttgca 420
tccagaaaaa cattgataac tcagtttgaa gc 452
```

<210> 1414

<211> 287

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA504492

<400> 1414

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tgatcatgat gaccagcata cacatgataa tggcttttct cttgggttta acattgcagt 120
agttttgcat actgcaatgt ttcaatagga ccaagaacgt tagagaataa agatcttaga 180
tgaaaatgaa cactaataat tctagtgtcc tcccccatag aattaatgta aatcccgtat 240
gaatcagtggt cattataatg ttatgtgggt atgaagaatg aaatttc 287
```

<210> 1415

<211> 382

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA504512

<400> 1415

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tttttttttt tttttctgac aacttcaaac aggactttta ttccaaacca accacagaac 60
cggcgccctgg gagcaagtgg gactgaggcc caggtgctaa cacggggctg gcagtgtcga 120
gagaacactc tggaagctcc taacagacgg ctccgcgtgc ggatgcacag gccctgacgg 180
gcactctgag ctgggcagtc tgacaccaag cagtaaggcc tcccgggcag cgcacgctca 240
gtccacgagc acagcgggtg gccctctggg gggaggcagc acggggcgca ctacggcaag 300
gcgagcgggc gggatggatg aaacgcagcg gcaccaggag cccagggtc tcacagggtc 360
cacccccgac cccaggattt tc 382
```

<210> 1416

<211> 421

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA504806

<400> 1416

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tttttttttt tttttttttt ttttttattt ttaaactact gttaaatcag ttgtaaagac 60
acacaaatta gaaaaaaaaa catgtcctaa acatgttaca tgtaagttaa aaacaccttt 120
aaaaaccagc aataagccac cagtgcagct ctgacagact agaaatgagt ggttatgaaa 180
tgagcacatc tcagtttgac tgacacagtg ggagttttta tttaccgtac atcaggaact 240
aatttatgaa tctgttgaaa aataacactt ctttaaaaaa atattttgga ataataaaaa 300
cagaaagcac agaaccacac attctattct caacttggga aggcaaatgt aaatactaaa 360
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ttctggtgc tggagttggg tctctctca tgtttggcg actgagggct caactactac 420
t 421

<210> 1417
<211> 418
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA505133

<400> 1417
tttttttttt tttttttttt tttttttttt ttgacaatga gaaaaaattt tatttatgac 60
gatcttgagc agtataaaac tcagaagctc cactgaggtg aaggaaacat ggacatgata 120
ctaagcaaag cctagtcttt tccataaaat gaataagaag tacatttggg ggagtttgag 180
accagcctgg gcaacacagt gagaccctgt ctctaaaagc attaaagcat taatcctcgc 240
atttcgatag ggctatgtag cttttaagta agcaatgtta gaatgagttg tagagtttta 300
tttttgtaga tatagttagt gacagatggc aattacatga ggatatttga acgaaggtag 360
ataagcctaa acaatttcac ctaggtaaaa tattgatgtc ataaccaaac tatatggc 418

<210> 1418
<211> 454
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA505141

<400> 1418
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attttgcagc cattcagttc agctgtccag tatcaggtta ccaaagacaa attttcaagc 120
tcccggttta tccccaccaa agtttctact gtccggctac ttcaggatgg ctaacatttg 180
gagagaagag gatccccag gtagtctgta cataattcag agagaggaca tcagaatttt 240
ccatggttct atttcaggta ttaaggtacc acagtgaagc atgtcatttg actgtggtgg 300
caaagggacg gcaactgagc tgcctaacct attccccggc atttcagtcc aatcagcgca 360
tgctcgcaat gatcatccat ggggtgaaaag gaagagctga aagacacatg tgctgagcaa 420
catttaattt ctgcttgta aacgggtgat tagg 454

<210> 1419
<211> 489
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA505198

<400> 1419
gcacgaggat cagcaataac tacatatatta tagaaaacac tttttcactt tactgagcca 60
attcatttaa ttgtcaaag tctatatcca tggtttaaat ggcaacatat ctataagtat 120
gtatacacat tatatttaag cttttctctg ggccaaactg cttcatcctt ttttctttct 180
tttttttttt tttagcctta tgatgaattt gtttgaaggg cattttcttt atgaacaaag 240
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agtgaaaacc agtctggttg tgaccacta catgttttgt ttttaatcac tattacctga 360
gttgaacttt gctcaccatg tttgtacttg ttggtctgtt taatgaagtt tgggtgatgc 420
catcctttgc actgccgaag cgtaatcttg tgtattactt agctctctgc tgatctcagt 480
atggacagt 489

<210> 1420
<211> 558
<212> DNA
<213> Homo sapiens

<220>

<223> Genbank Accession No. AA521149

<400> 1420

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tttttttttta acataactgt ggacatataa acattttaata aatcagcaca caactgtgat 60
ggtgattgat cctttgacac gcacgctctg tgtggacgac acgtgctccc agcatggtag 120
gggaatgacc tacgtggctg acttcggaac tgaagactcc ccataatatgc aactgaaca 180
cttgctgca gacgtcccga ataccgcagt cttagccagg caggggtgaa tggagggaac 240
agacagctc cttccagcct ctgggcaagc agagtgttc ctttttccag cccagggcat 300
cgcttccct agacacgggt ttctctctgt gtgttctctc attctttcca gcaacagcac 360
agacagagct cagactggct gtgtgtgggg tggccacaag acagcgagcc tgcttgctgct 420
gccgttgctg tgtgtgatcc ccggccagcc cttggccctt tctcacttc tgctagagag 480
ctggtgctgc tcttgagaa gcctgcgcag gacgaggtgg accacccgat ggtctctcgg 540
cactgtgtcc agcatttc                                     558
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<210> 1421

<211> 601

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA521290

<400> 1421

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ttttttttttt tttttttttt tttttttttt tttttttttt gagcttggca aacctttttt 60
attttgtgat aaaaatgctt tcatataaat ttcattctta ctacctttag aatgaaacgg 120
aaaagtaaaa acaaagtgtg cattttccct actacgttta gtcaggaata tgcggtcatt 180
ttattgggta ctgggtttct catacaaaca gatataatat cacttttaag agaaatgtac 240
acaaggaagt aaccatagta ccacttatta gtgggggcct ctgggtacat aaatgtgtcc 300
tcccaaata tagtcatatata ttcaatgtat tgggttagggc caaaatccct aaaccacctc 360
tcaacaaaac attacacctt tggctcctta ttatgcaaaa attacaaatt ggcaaatca 420
ataagaggat gcaatggatt tgagcatcac agccaattgc ttatactaaa atattttaat 480
tctcagactc tctttccctc atacctttcc cttccccacc tcacataaga aaatgatgct 540
taaaacaaaa cagaggaagc aattatacaa acaaaaaaac ctatcccaa aggcgggcag 600
a                                                         601
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<210> 1422

<211> 601

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA521292

<400> 1422

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ttttttttttt tttttttttt ttccttttta tgaaaatgat ttaacttaga aatctgttgt 60
gaaacttttg tctagttttg caattctcag atattccagt gcaaaaatag atcccattac 120
agacagcgta aagtgtcttg aatgagggcc aatgatgaac aaagagcaca aaaacagctt 180
catcttaggg tataagaagg gataatagca tacctaaatc cttatggaaa tagaaacatt 240
ctaaggggga tgcaacaatt ttgaaaagaa ttagagcaat atttctacag tattacatta 300
ttactagtag ataataacaa ggggtacaaat taatgtctca atatcaaagt ggttcagtat 360
tacatgacac atggctcttt ggaaaatatt ttacctgata tatacaacca caagaagaaa 420
acacagacaa atggcttttag tcaatgatta ctatacagtg aatgaatgat gtgcaacatt 480
taatagtcac aaagcatttg ctttcagtag agataatgaa atacagtagt gtgaggtttg 540
gttggtttttt aacaatgaat tgtgctgggc atttatgtat agagggctta ttattttctt 600
c                                                         601
```

<210> 1423

<211> 602

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA521306

<400> 1423

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caaagttctt ttttctttct tttttaatta taaaactaac agctgttaga atcttttttt 120
ctttttttcc ttttttcttt tcccagctac aaaataactct ggggagatgc attataattt 180
aaaatatata atattgcaca aacaacccaaa aggttaatta aactaaagaa ataattacaa 240
agagaaaaac cccatcccggt caaaaaaaaag attcagcatt ctctccatcc cccccctca 300
ctgaagggtt gaagtgggaag tgacctcact ctcttggtgt ccctgaccca cgatcccttt 360
cactcattgg tgagcacacc agattaggta caagaatcac caaagcagca tcgtgaagca 420
ccaggctctc cagagattcc tgcagcccct cattcccca gaggtgcagc tttaccagag 480
tggaggggtga gagcaciaag gctgggtctg ttttcaggaa gaagagcttt tgcagaagcc 540
tgatgagagt ttcaagttca cccccaggat agcccttcca gaagcagaag ggctgaggcg 600
ga 602
```

<210> 1424

<211> 318

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA598405

<400> 1424

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gagtcagggt ctcactgtgc caccaagggt gtagtgccgt ggtgtaatca tggctcattg 60
cagccttgaa cttctgggct caagtgatcc tcccacctca acctcctgag tagctgggaa 120
tacaggcatg caccaccatg cctaattttt tagagatggg gtcttgctat attgcccagt 180
ctggcctcaa gtaatcctcc tgcctcagct ttctgaattg ctgggattat cggcatgagc 240
cactgtgccc agctaagctg tgacttttga ggcaaccctt tcccttccac agagtttagt 300
ttcctcattt gtaaaatg 318
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<210> 1425

<211> 434

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA598412

<400> 1425

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tttttttttt tttaagtcca ttacagtgc cttttattga ctctgtgtat cttcacagtg 60
tgatcttcac cacagcttgc aaagtgtaac cactcagcac cttctgcttc cttctgttca 120
gtttttccac tgcaattctt ccagcataat tttctgatag ccagtgtatg actttggctt 180
tgacttggtt ctacacagtg ggtccagtca tttatttctg gaacttgatc agtctttttc 240
caggatatata agcaaactct tccacactcc aatcctactg caaccacgta tcgttgagaa 300
gggtggagca ctgggcagac gctgacagct gtcacagccc caccacgctc caggactgag 360
gagcaggggc caatgttggt ctcaatacag tcatcagtgg agtcacactc accccagaca 420
accacctttt tgtc 434
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<210> 1426

<211> 418

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA598417

<400> 1426

tcaacaagga aatgtattta ttttttcttt agaatttggc tcagaacagt aacaaaaata 60
 ttacattaa aataaattaa catgcaatta ctttaaccata tgtaataatt tacgttggaa 120
 tatattagcc ttcccatgag ttttaataaaa actaatattt ggtttttagat tcaataccat 180
 cctttcaa atttgggtatg aaacttggta gcaatgcaat tgtctgatgt acagagcaga 240
 tttcaccatg agagattaca ccaaagaaca gatgtccctt cccagaacat tatctcacc 300
 cagactcaga aactgagcag ccaagcttcc ttcccaggaa tcaccatgga atgtctgaac 360
 aataaccagg ccctggagat tactgcaggg ctggcagagt tttaggaatc agccaaac 418

<210> 1427

<211> 436

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA598419

<400> 1427

taaaggaaat ctgcctattt tatttccatt agaaaaatat tatctatata acattttgtt 60
 ccactatctt ctccttgatc tcaaatttaa acactttaat tttactcaag taaaagcaga 120
 atcacataac ggacatcaaa actaaatagt tcacatcatt agtttaaatt aaatatgttc 180
 ttgattattt ctcaggaata gtaactcttc tttcctacct ggtatttctc ttttgtttac 240
 tgagtaacta tgtaatgggt atctctttcc tatattcagt aatacagggtg cacacagggtg 300
 taatttaaaa aagtaactgg attccttctc taatattcat gttcaactct ccctattaca 360
 tggattttcc ataatagctt cagatatttt catcaaactc acactgtcat caattgtgaa 420
 aattaaaagg ttaatt 436

<210> 1428

<211> 384

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA598447

<400> 1428

atttggaacg gcattgcaggc aacttctttt gttgttacat acctgtatta ggaaaattac 60
 acccatttta cagaaaaatc ccaaaacata tactgcaata agctcaaac aatgtgaaaa 120
 agaccagtgt gaatggcaca caaaaatcgc ctctttataa attaactgga attcatgatc 180
 atgaagtagg cacagggaat tccagtcctc agggctttgc tctctggaag aacaccttta 240
 agtaattttt aaaaacttta gcattcaggct gctgaagcgc ttgacaaaac tcctgaatta 300
 tttctggagc tacttgcaag gagggcagggt attcttggtg aagatactga acacattctg 360
 ggccccggtt gagatgaatt gttt 384

<210> 1429

<211> 320

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA598453

<400> 1429

ttaaattaag agacagggtg tctcaatggt gcccaagctg gagttcagta gctagtggct 60
 attcacaaga acgatcatcg cacactacct caaactcctg ggatcaagca atcctcctgc 120
 ctcagctttc caagtcgctg ggactataag tgtgtaccac agcatgtcag ctctctctct 180
 ccttcttgac ctaaaagccta gcataaaatt agctaagtag aatgtttcca aagatggctg 240
 catcagtatc tcccatccca cataatttct gtttcatttt gccattcacc cataaaatgg 300
 tgggatctac ctccccccct 320

<210> 1430

<211> 268

<212> DNA
<213> Homo sapiens

<220>

<223> Genbank Accession No. AA598506

<400> 1430

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ttttggaggg caaagacttt ttttaattgg acttggtctt gacgagtact gacaaaccct 60
gcagacacta gtacaatttg atcgtaaaca aagtccttgc tagcatagtc cagcaaattc 120
tgataaaaca catacaaaac ttaaaagaca gctcgatttc atcttcctcc caacacctgc 180
aactgtttcc agattttctg tgtagtcttc tttgtgcttt cagttcagta aaaattagaa 240
aggataacaa acttgtaaag tcagatac                                     268
```

<210> 1431

<211> 370

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA598589

<400> 1431

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cttttaaaaa tacacacatt taatgttggg ctgttttaat ttctaagtaa agcaattcca 60
aaaatacaaaa ctgaacatca gagccatgtg aaccaccatg agaaaataaa acagacattc 120
acaataatta cgtctaaaga cagttcagct ggataaatca tcttccaagt atgttaaaga 180
aaaattttcta aaaatactgc tgggtgttcag ttagaattaa aggactttgg ggaaaatgaa 240
ataatatgat acaggtggag tgaataagga tacacgggat ttacattttt cattaccctc 300
agatataaac aaacattcaa aatcaacac aaactctgtg tgttattcaa aatattgcag 360
ctgcaggaaa                                     370
```

<210> 1432

<211> 484

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA598648

<400> 1432

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gatgagcttg cgataccctt cctcatcttc agccatgagc ctccgcatgc gctccttctc 180
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cttggtcagc ttctggattt tgcctgtgac ggatctgtga tattccttga aatccttggc 300
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gatcttctgc tgcttctcca gottctcagt gatgcgggcc tcgcgcggga ctggcgcttg 420
ctgccttgta ggccttagaa ttgagggtcg tctacagcgc tgtgtacctc cgcattgcaca 480
ccac                                     484
```

<210> 1433

<211> 381

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA598675

<400> 1433

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tatttttttg cacatccctt ttcactttac agtacatttg actatagtgc acaacatgat 60
tccgagtcaa aacagtggcc cattggcact gagcttctga ttggtgtagg gcagtccaat 120
cagtgtcggg gtcactgggt taccccaacc atgtccggcc aaaatggcac taccagtggt 180
```

tagtgaacca tctaattaaa accaaaactc ccccagggaa aatgctacac tatcagagtc 240
 agtcttgagt cagatcttta tttggtgctc catccagata tatttttagt gctttctctt 300
 tacgaggtga gtatgttaca cgatgtccag tcttctggag tcgactgctt tcttttttca 360
 tcagttcatt tctttgctca t 381

<210> 1434

<211> 372

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA598679

<400> 1434

gggtgagaca gagtctcact ctgccgcccc cactggagtg cagtggcgtg atctaggctc 60
 actgcaaccc ccatctccca ggttcaagca attctcctgc ctcagtctcc caagtagctg 120
 ggattacagg cgtgtgccac catgcccagc taattttttg tatttttagt agagatgagg 180
 tttcaccgtg ttggacaaac agctttattt ttataaaaaat gatgggcaag aagattttta 240
 aaatcaaaaag caattatact ttggccttta tgtagtccca gctactcaga aggatgatta 300
 agccccagag tttgagtcca gctggggcaa cactgcaaga ccccatctca aaaataaaat 360
 gatggaaggg ac 372

<210> 1435

<211> 421

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA598685

<400> 1435

atttttattgg ttttttttaa aggaagagat tataaaaaaga catttcacat taaagatttg 60
 cagtctctggg acacagtttg gaaaacacta tttataaggt tgcacatatt acaaacagct 120
 cccaaatggg gaaactggta ttctaagatg aaagcttaat gaacataatg aagtgaataa 180
 acgcgtgtga actaatgttt aaaaagttag agcttgcttc aagtcagtag agctcttaag 240
 ataataaata cagtaaacact actttttatt tctttgctct tttatccctt tcagggttcga 300
 tttgctgctt tgattactgt gtttagcactg gctgaaaaac taaaggagaa ttatattgtc 360
 ttgctaccag aatccattcc tttcttagca gagttgatgg aaggtaattc ccaaactatt 420
 c 421

<210> 1436

<211> 441

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA598712

<400> 1436

gactaagcaa aatttgtact tgtttaataa gaaaatcact tctttaaaaa aatagttctt 60
 tacatgctga ggttcattta tgcaatgcaa gagctgaaaa cagattcgag aaaggctgtt 120
 cctacaaggg aaggtcctga ggttacaacg ccggcatggc ggaaaacatg gctgcagcga 180
 tcccagcttc ttgctgcca caggggtggc acatctgggc acacactgtg agctgctcag 240
 aggcactctg gtgggcagct cccatcgctt cagtcagtggt ctccgtcccc ttcactgcct 300
 tccagggggac tgggcacctt ggcgcctgtg ccacctgccg tgagagcggg ggcactgaag 360
 ttgtggatgg gcaagggtgct cagccactgg gccatggagc gttcgtcccc ctcggtgccg 420
 atgatgggtg ggtagatgtg c 441

<210> 1437

<211> 374

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA598746

<220>

<221> unsure

<222> (1)..(374)

<223> n = a or c or g or t

<400> 1437

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tttttttttt tctggtcaaa ctccctttttt attaagggtt atcaagctgt acacgggtccc 60
taccctgctc cgctccgagt tcgggcagcg caattcacca ctctcccaaa gccggaccac 120
agctgggtga ggggtgggac agagagtagg agcagtccca gcatgcagtg cagcagccca 180
aagcctcggg cgaaggcatc gccattcatc ccccttcagg gcacagcgag atgcggggcca 240
gagctctttt gctgggacgt acacagccaa ggtcaccctc cagcccggtc tgtcccatgt 300
gcaggtgatg gggggtacga taagcagcaa tgaggggcca ggaagacctc agtctcctgg 360
gggccatcc taaa 374
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<210> 1438

<211> 411

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA598749

<400> 1438

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tttttttttt tttttttttt tttttttttt ttttttttct tattcatcat tcattcattt 60
atttgattag ttgaaaacac ttccgactaa ggaagcagag agcccacaat cctgtgggaa 120
aacaggcctg ggaactaata tctcaggggt agtgaggggtc gggcccagat cctcaaagggt 180
tcctgcccc tgaaattgca cctttgacag ctgctgaatt ccaagcacag cgttaagtgc 240
tttacatggg gtaaccctaa aaaacacact gggcctcaga cactcccgtc cacacacca 300
acctctaccc tgtggatgtc ctagataagg gttttctctt cacaaaggta aatcaactct 360
ttgcctcctt agggagggaa ggaataaagg cattattttt gagacttttc t 411
```

<210> 1439

<211> 511

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA598829

<400> 1439

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ctttgagcca gtgttctgtt tcttttctgg tggaagagcc tttttgcttt cttccttata 60
ttgtccaag agtttttggg cttcttctct ctgaagttca acatagggtta tttcatcaaa 120
gcactcagct acctctggga gggtaaaagt tccttttcatt ttgaggaccg catgttcttg 180
taggtctttc cctctactt ctgctttctt ctgtgttctt tgcttatagt cttcatcttt 240
tgggcaaaact acaacagctt ttcgctggaa gcctgcaaac aggcacattt ttctcctctg 300
ggcagcagca gacacatttg tctgatccag aataaaaatt cgcttctttc gggcagcaat 360
ctcaataaat ttcccaagac actggggggg ctctctgcaa cagtgggtgtt cagttttcca 420
gtatctgcca tttgttctt aaaacctgca atcatcatct tatccataat agtatttgtg 480
caagaatggt atatgtccct ggattttctg c 511
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<210> 1440

<211> 230

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA598831

<400> 1440

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gcagttatatt caattcaggt tttattaaag ttgtttctga atatttttttc tcagtgatcc 60
ttgtttctgat gaattattaca tttcatcctt agttttgtct atttgatttt gcttttagtgt 120
ttaaagaact tttattttatc agatcctttg ccatgaatga gagcaccaaa taacatatca 180
ataccecaact gcttgattcc tttacagcag taagaaaagt cagtaaaaaca 230
```

<210> 1441

<211> 174

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA598926

<400> 1441

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tttttttttt tttttttttt ttttttcacc atttgaggacg tctttattat ggatccgctc 60
actcttccag gagcagtagc ccttctaaga aaggggtggg aagaaaacca gcctaccctt 120
caagctgact taggatgcaa tggtagacag accagccttg ggggagggtt ctcc 174
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<210> 1442

<211> 397

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA598988

<400> 1442

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tttttttttg gtttaaaaac aggagactat ttaatccatc taaaaatata aatcaggaaa 60
tgggggggaac ataggaaaat cctccacctc taacagagcg aagttactgg ctttctgctt 120
gctccaagaa tccaagggt tgatgttttg aaggaattat ctgttcttca actactcca 180
gatactcaga cataagttac acacatcttg agaagggttc tgccctgctg aagctagatg 240
ggagctcaat gcatgggaga aaggagcatc aatctagaaa aaaatgatca aagaacagct 300
gagtgcacgt gtggggccat cccaggcaag tgggctcttg gtgctctggg gtagccagaa 360
cccatacaag ctgggctggc ctaggaagcc caccagc 397
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<210> 1443

<211> 512

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA599107

<220>

<221> unsure

<222> (1)..(512)

<223> n = a or c or g or t

<400> 1443

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tttattttca ttctgagttt atttaacatt tcatccagtt gaactgaaat aatacatggc 60
ctccaacact ggcaagacgc tgtgctaata ctgaaataaa agctgccagt cagtaaacac 120
ttacaatcat catcctttgt atcatgttaa tagaaatatt aataactact tagctttata 180
agcttattgc acttcatgtg gatttttttt tctccagaaa aggtatttct aaaagatcgg 240
caaggattgc caatcttgat ttgttctttc ttataaactg tgatcaacat acagttgata 300
gctttatata aaagcattaa gagtctgaag catcanaaaa caacgtttta aaagatgcag 360
ctccatgttc atcatccctt ttataatctc tttttttttt ttttgagatg gggttcggcc 420
ctgttgccaa gctggagtg aaggtgcgat ttggctcacg gaaacttcag ctccggattc 480
agcgatctcc tactcagctt ccgagtagct gg 512
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<210> 1444
 <211> 427
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA599199

<400> 1444
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 acctctgcct cctgagctca agagattctc ttgcctcagc ctcccagagta actgggatta 120
 cagggtgcca ccaccactcc cggctaattt ttgtaatttt ttttagtaga gatgggggtt 180
 caccacgttg gccaggctgg tctcaaactc ctgacctcag gtgatccgcc cacctcaacc 240
 tcccaaagtg ctgggattac aggagtgagc caccgggccc agcctgtttt ctcttttctc 300
 ctttccctgg ggaagagggt tggccggaca gaccctggtg tggctgggat gggggactgc 360
 tgcagagagg taacggggccc ctgagataga catgggacag cccgaaaagg tgggactgag 420
 aggggac 427

<210> 1445
 <211> 419
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA599211

<400> 1445
 ttcacaaaag ccattctctt ttatttttca ttcttgcctg tcaaccagtt tgtgcaagct 60
 gaggatgagt gggtttttga acgggaggca gagcatctgg ggacagaccc tcttggaaat 120
 ggtctatgca cactgctgag gctgggttaga cttgagaagc aattgacaat aaactctaca 180
 gaactggaaa tgttcaaaaag tgtcaagggtg gcttctggct gttttcttgc ctccctgtgg 240
 gggtcagtta taccatcag tctgtgtgca aggtcttggg actggcccag gggcagccgg 300
 atttctcgct ggggacagga gctgtcttgc tcaccagca gaagcatgcc aatggacagg 360
 tgetcgggtg tgtgcccagg tgetgtggcc cccaaactcc gtggctcctc aagcatgtc 419

<210> 1446
 <211> 394
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA599214

<400> 1446
 tttttttttt tttttttttt ttttctattct gcttttcttt attgtctggc taacttacaa 60
 agatgcagat gtctagggtg gtctctaccc taccatttac actatcctga tgacacagat 120
 agcaaatgt gtctgtttac atagtgcag gtatgaaaaa aaagtttttc ttctctacg 180
 gtccttgact ataaggaggg aaaaattaat ttcattgcaa catttttggg gaactttaac 240
 aatcatccca tttctgtctac taaaataaca aaactggtat tacactttaa aatataaaga 300
 cctaacagtt tttaacaaata tgcaataaat ctactactta gacataaaaa aaagttgatt 360
 tcttttaaat cacaaagtaa ggcaccattg gatt 394

<210> 1447
 <211> 356
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA599234

<400> 1447
 ttttctaaat gaatatacctt tttattggat tttttccaat tacaaatgaa atttcatttt 60
 acatctataa ttagaaacaa cacttacaat gggactgtac aaatttaggt caaaataaaa 120
 atatatgtat cttgtgactt cataaaacat cctttactat attttttaaag aaagcagaag 180
 taacagcaat atatgtaaaa gtaatgattt aatgactatg agcaagacaa agcaatagaa 240
 ttgtgcttct tttgcagact ggggacaatg aaatgttttag ctacaatttt cccatacaaa 300
 catgaaacaa tattcatata gaataaacac cctcacaaat aactgatggg tgatga 356

<210> 1448
 <211> 557
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA599244

<400> 1448
 tttttggcca ggttaattca tgtcaacaac aaaaaaatat aatgaaagtt tcacaattct 60
 agcatgcttg atggcttctt atttaaaata aaatggtaaa tgatgtattt atactacatt 120
 aattatcagt actgacctct gcctgtgggt tacctatact gatattcttc ataacagaca 180
 tatctggatc atttgaatgt acttcaagtt ttttcagact gacggtaggt ttcatttcct 240
 gaagttgctt taagacaagc tcagtgcatt ctttaagatt cttgtctaaa acaattttta 300
 cattatcact gcactgaagc tgtgatggat tggcaaactg tacaaacggt tcgctttctt 360
 tacaaggaca tacatgatgt ccactagtca cagcagtcct atcaatattt tttcttgaat 420
 ttgaatggga tcctttttgt ttccagtatt cggatggctt ttgtcagtat tgttcttctg 480
 cttcactgca gactcctcaa gaaacttcag aaatgatact tcaaatccat tggcctaaaa 540
 gagctccagt caaaaga 557

<210> 1449
 <211> 271
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA599365

<400> 1449
 tcacatgata gttttaatat ttatttagca gaggggtaaa ttgaaacatc agttctctag 60
 accagtcagg aaatgtatgc tttgtgcttt ataagcttac attcaacata gatgacataa 120
 gttaccatac tcaaatgtaa gatagggaga ggtagaagaa atagctgaga acttgaaaag 180
 atgtactgtt attgtcaaca aaccaatgtc ttctcccttc ataaaattgt gtttagggaa 240
 tattaacaat taagcttgta tacaatagta a 271

<210> 1450
 <211> 393
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA599469

<400> 1450
 aaattaaata aactttttatt ttggaatgat actagattta cagagaagtt gcagagatag 60
 tacaaagagt tcctgtatac ccttcaccca gcctacccca aggtcaacat cttacatcac 120
 catggtacat ctgtcaaaac caagggactg aaattgggtat attaaactaaa attcagactt 180
 ttttcagatt tccaattttc ccactaatgt cctgtttttg ttccaagacc caatccagga 240
 tgccacattg cactgaagac actctccctt ttcaattcta ttactgggtca cctcagtcac 300
 ctttcccggg gaaagagaat gcatgggaaa agctcttgct cttattattg aactggagaa 360
 actgaggctt aaaagtgccg agtgaccaag ttc 393

<210> 1451

<211> 377
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA599472

<400> 1451
attatgtagg attagatgcc caccaaaatt cttgtaaatg aagcaggact tgatttcaaa 60
ttctgtctat acacacaata tttggccaca tagaccactc cccaaagtct gcaaaacact 120
gcctactggg caggcttaca gtgacagaaa agtatgagaa cacaagatat tatttttata 180
aagactaaaa tcagatttag gctgtctaga tatcttattc cagaaaacac agatttaaga 240
tttttcagtg attcttgcc tccacctccc cttttcttcc ccaatgagat aaccatttct 300
ttcacaatga tgaacctcc ctttttatgg aaaaatggct ttctttctcc attggatcag 360
gacaaagaca tcacttc 377

<210> 1452
<211> 317
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA599522

<400> 1452
tttttttttt tttttttttt tttttttttt tttttttttt aaaaaataag gagggagctt 60
tatttaatat gaagggtgag gcagggccgg ggcgggaggg cgctgtcact tggatgatgg 120
gttcgcgttc atgctcttgc cgctgccgct gagcacgatg taggggggtct tctgagcctt 180
ctgcttctcc tggagcaggg ccacgggtgcc cagggggcgtg tcgctggagc tcatcttctt 240
caggagcgcc tctcgtcca gcttcttcat ccgccgctct gtcttcatct tgccctgagcc 300
cttgccatgg aagcggg 317

<210> 1453
<211> 394
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA599526

<400> 1453
aagaccattg tgaggctgga gaaatttagc ctatgtcttc caccatcttt cccgatgcg 60
gagaaaggag actaaaatct ggaaaagcaa ataagccaaa ggaggttttc acaattatca 120
tcttctagga atgtttttct tatttaaaaa ataatactga ttttctggga aaaacaaaaa 180
aacaagccag agaagactgc cttcacaacc aaaatggtaa gaaaggcagc tatgaacatg 240
gggaagacaa gtgtgaacat gaggaagaca gggatgaagg tgtgaaaaca gatgtgagga 300
taagaagaca ggtgtaaagg tgagaaagag gccgggcatg gtggctcacg cctgtaatcc 360
cagcactgtg ggaggccaag gcagatggat catc 394

<210> 1454
<211> 469
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA599585

<400> 1454
aggctacttc aactaaatth taatgttagc ataaagaaaa agttccttga tatctttatc 60
aagtacacat cgaaacaacc taaaatcatt tatcagggtac tagaaaatgt ttccaatgta 120
tgatacagac tagaaagcat gcagtcctca atgtaaacta aacacaataa atttcagaga 180

aaaacaatttt taaaatggct taaaaatata tctaatagaaa tgtgggggtca aagaagaaca 240
 ttttgaacac ataccgtagt tgcaaaacaa tgatgttacc tcgtaagatt ataccaaagc 300
 tttcatgaga agcagttttt tatattactt taatttttatt ttagagatgg agtctcgcctc 360
 ttgccagcc agagtgcagt tgcaggatct cagctcactg caacctccgc ctcccgaatt 420
 caagccattc ttctgcctca cctcctgaa tagctgggat tacaggcac 469

<210> 1455
 <211> 408
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA599808

<400> 1455
 tttttgtttt tgggtgtttt aattgtttt gttaatgtaa aaacagaacc atcacagccg 60
 ctcagctcta taacccatcc agccaagac tggtctagt gtgaaaccaa gagtagacag 120
 gtcttcctac ctcaagtacc tcaaaacaca aggacatctc catagggcat caacatgcat 180
 ctgtcatcca agaattctaag aacttcctga tcttccaca ttttctatca ataatttgc 240
 cttctgaggt tatggattcc aggtcttcta tgaaataggt aaagcttctc ttcgcgttcc 300
 aagaaatata gtttgcaag ggaactggaa aacgtgactc taggcctcag ccacttctc 360
 tgttaccctg tgcaagttgt agaacaatcc acgttctcac agctcccc 408

<210> 1456
 <211> 460
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA599814

<400> 1456
 ttttcaaate ctaaatatatt agtcctttat ttaagcctgc ccctctaaat ttaaaaaggt 60
 atcagcactc ttggttacca attgtaagca atataaaaaa ttcactggta tcaattctaa 120
 ttgggttcagt ccattccatt tcttatacag tgaatgtctt ttttctatc agaattccaac 180
 agaagaataa tgcaaatctc acttctgagc ccacgggcaa gcagtctcaa caataaccaa 240
 aaaatgtcac tttacgactg gtagtctgtt tctgaagtaa aaatattctc gccagtaatc 300
 aaaatttgtc atgaggaaat ccttctactgt tcaagaagca cagttcgaag ctcatcttct 360
 ttattgatca tcatcgaagc aattgcacca tcattaaact caaaagaagt tcttccatcc 420
 acaaccatac aggcattcca acaacgagaa cgaacacaaa 460

<210> 1457
 <211> 359
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA599850

<400> 1457
 aaaagggtgt tcagatatat tgatatgtca aacaaatagt aaaacaacat agagtaatga 60
 ttcatttttg taaaaaatat atatgtatat atagaaaaaa aaattctgca aggacatatg 120
 ctaaattggg aacagtgtt acccctggga aggggggtata cagatgttga tttactcttt 180
 ggggtacctgt atttcccagt ttttctataa atcacatcat ttgcttctgt cataagaaaa 240
 aataatatct attatcatcc tttattttga tcaaaacaaa tcaatttttt aaaaaatctt 300
 aggttttttt aagaagcaga aataatttcc aaattgcctc cagagacaat gattttatc 359

<210> 1458
 <211> 363
 <212> DNA
 <213> Homo sapiens

<220>

<223> Genbank Accession No. AA599937

<400> 1458

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tctgaaaatc agccttttaa tctagttgtg tctcttctcc tctgactctg ggaatgagat 60
ttttctactc ccacaggctt gaactctcct tataggagtg tctccacatg ccaaaatcag 120
aggaagtcag aataaaacct cccaaggctg aaaactagag ctggcacgta gtacatggtc 180
agtaaatgtt tttaggtggc tggatgagtg aaggaatgag tgagtgagtg aatccaggat 240
cgatctggaa acacaccagg gctcagacct cttgggctaa gtgccagtct cagtctctct 300
gggctgtgta acaccaaaga gaacacccca ggctctggct taccccaagg gcacacccat 360
gct 363
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<210> 1459

<211> 348

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA599954

<400> 1459

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attttataga cacattatat ttattcagaa agattaagta tttcaaagggt aaaaaatgaa 60
gctaacattt gaagattagg taagtttcat gttacagaat ataaagatga aaatggataa 120
aaaattatta tgaagtacac acattagaat ttgacttgct tagtttgctt ctttgtgcct 180
ctacctttat caaagataat tatgtgacta agtatcataa ctaagctggt acatggaatg 240
gacaagttaa aataggtggg acattagaat tattatataat gagctcttct gacttcagag 300
taaaatttgt gttgctcatt cctagcttcc aaaagtgaat aaatacat 348
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<210> 1460

<211> 425

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA600153

<400> 1460

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tgatttagat ttatttttat tgacaagggt tataagaaca aatattttaa atcgaaggcc 60
aattattagg tctcatttag ttgcttattt tgttcacttg tatttacctt tccctagtgt 120
ctgagtaact atcaagaaac aaacctgtga aaatacctgt taacattcaa catatatttt 180
tatatatttc tgttctatga tgcaaagata tttttcaaca cttaattggt gcaacaaatg 240
tgtcattgtg tcataaacag catgttttaa aattcagatt taataaactg atttaagaca 300
gtaaatttga aagacaaaat taagtctcat tcaggagtgg tccattatgt tgatcatcta 360
gaatcaacac tgattaacca aactctgaaa gccaaagagcc ccaactccag agaaacatta 420
aattt 425
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<210> 1461

<211> 417

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA600248

<400> 1461

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cgtgacgata aagcttttta atcacctagg tgcaggcagg ctgagtccaa agagagtgtc 60
agcgaaggga gataggggtg gggccggttt ataggatttg ggtaggtaaa ggaaaattac 120
aatcaaaggg ggttgttcta tggcaggcag gggcgggggg cacaagggtg tcaagtggga 180
agcttctgag ccaggagaag gaagttcaca ggtaaatcgc tcagttaagg tggggcagga 240
acaaatcaca atggtggaat gtcatcagtt aaggcaggaa ccggcccttt tcacttcttt 300
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tgtgattctt cacttgcttc aggccatctg gatgtataca tgcagggtcac aggggatatg 360
atggcctttgc ttgggctcag aggtctgaca cacatcacta agcattgttt gatctgt 417

<210> 1462
<211> 379
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA608545

<400> 1462
ttttaacagg cagaaactct ttaatcaggc tttttttcca actctaaaac aaaatcccat 60
tttttcctta aatttagttc ctcaggaaca gagaactttg caatgatgat ctcaactctg 120
catcatctgg tgactcctga ttctgcagga ctaagacatt tccaagagt tctgctgcat 180
cagccagtga ggacaagagt tcttcagtg cggttcagctc aaggacacct aggcttcccc 240
agcaggggct tgcttgagg tctgacaaa cacagagcgt tgagcagatg gcctgggact 300
cccagacctg gcagagggtt ttattagggc ccgcctgggc tgcaccgttt catccaagta 360
ccctgaccca gcactcatc 379

<210> 1463
<211> 381
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA608546

<400> 1463
ttacagtgat ttcaaacagt ttaatgtaat tccaagacaa agtgtgatta catttctaca 60
catatacaat atgcatatgt gagtttacaa attttaatta ataagtcatt tcacctcgga 120
gaccgaaaaa atgatcaaaa agaaactatg agtaacaagc tataacatag ttcaccacaa 180
tgggaccccc cccccctttt tctcaccccta cagttagtaa tattacaatt aaaataacta 240
tattcttcta tattttttct gttaaaatca tctcataaat ttacaatgct attattagtt 300
tccaagacta atataaatc actccatttt tctacaacga aaatgattaa tttagaagca 360
cacgacgtca tgatgaaaaa c 381

<210> 1464
<211> 413
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA608579

<220>
<221> unsure
<222> (1)..(413)
<223> n = a or c or g or t

<400> 1464
aataaaacac atttgtttca tatttgctga aaagtaaaac aataatattg tacgaaatgt 60
tatacacagg gtaggttgta catagcagtt tcagaaacat cattgcatcc accagagaaa 120
ctattctaaa actgatattc acacattttt tataataata ataatatgtt agaaacatac 180
agtggtggcat ttagtatata cactcccttg ctgcgaagcg aaaaatccta atcgcttctg 240
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ctgcttttat aaaattaatt tgacatttcg atatatatac atcctttcag tcatttataa 360
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<210> 1465
<211> 442

<212> DNA
<213> Homo sapiens

<220>

<223> Genbank Accession No. AA608668

<400> 1465

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atacgacttt caacacagat ccaaataccc tcacatttta aaagtcagga ttccctacac 180
aagttttaag ctgacgggat tcaagttctg agttttcata catagcttta acttgtatta 240
aacacatggt tattttacaac gtggagagag aataaggggc agttaaggcc actttctcct 300
gtgaaacact gcaaaatatg tacataagta caaccataa taggcaaagg ttctaaaaat 360
catctttctt ggcttcacgt aattgagtat cagtcgggga gtggagagcg gctgccgata 420
gcaccaggcc atgcaggcca cg                                     442
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<210> 1466

<211> 515

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA608671

<400> 1466

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ctctggctgc aggcgcgcaa gcggttcacc actggagttc ctaccacagc aggggattga 180
gaaatgtctc caaacactga aaagctccat gtcaggactg gatgtgtggt tgataacctt 240
tggttcagtaa aacaaatcac agtaggtttt gagaaggaaa aaaagaatgc tcacaactga 300
atcggtagag tgaaggttta tcagacaaaag ggacatgagg caaacaaatt ttaattacag 360
aaaccaccac tgcaatgtca tgtagaaagg agaaacaagg gactagcttc ctggatggac 420
caaaaataca gtttatagac tgtttcaatc ctaaaactaa gacaatttct agatttacct 480
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<210> 1467

<211> 463

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA608723

<400> 1467

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ataattttcca actcatccac ttgcaatatt tatccaattc cagttcatca gcaagaaaat 180
aaaatgtact tggctataaa aatactgagg aatggttatcg aaaaggaaaag gctatttgggt 240
agaagtaact acaaaaaataa ttagttttaa tctttgtaaa gctttaatgt aagaacatca 300
gtacactttc ttacataaaa ccttaaagca tgatcaatac caagatttca aattttcaac 360
tttcaagtac ttgaaaaagg gttgcaacaa agtgtctctt cccaaaaaag caagaacagt 420
gatcatgcag gtgttaatat gcagacatct gaggacactg gta                                     463
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<210> 1468

<211> 472

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA608729

<400> 1468
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 gggattacag gcatgcacca ccacgcccag ctaattttttg tattttttagt agagatgggg 180
 tttcaccaca ttggccaggc tgggtctcaaa ctccctgacct cagggtgatct gcacccccgc 240
 ttggcctccc aaagtgtgtg agccactgtg cccagcccag agtttctatc ttttgatgta 300
 tcttttgaag gagcagctgg agagggcagg atcaaaatta aatcacatga aagtgtactc 360
 ccctccgcct gctccttata aggaaccctt tatgactaga acccaagacc agtaccaca 420
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<210> 1469

<211> 315

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA608751

<400> 1469
 aattattgag acggagcctt gcgctgtcac cgaggctgga gtgcactggc actgtcttgg 60
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 ctgggattac aggcattgtc caccatgccc agctaatttt tgtattttta gtagagggtga 180
 ggtttcagca tggtggccag gctggctctt aactcctgac cttgtcatcc tcccaccttg 240
 gcctcccaaa gtgctgggat tacaggcgtg acgaccacgg ccggctgtta tgctcatcat 300
 ggcacttaag agatg 315

<210> 1470

<211> 386

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA608802

<400> 1470
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 ataaatatgt tattataggc atttattact aactatagtc cttcttggaa ggaacaccca 180
 aaccaatact tataaagtac atgtaattta tagtaacata ttttactata tacatatgga 240
 aaaaatcata ttctcacaga agagctgaac agacattcac caggatacga ctgttggaca 300
 agctgctgga gatggacctg ctacccctca gcagcctccc caccacaaga caagtgatct 360
 caatgtcccc aaacctgtgg gacctt 386

<210> 1471

<211> 586

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA608807

<400> 1471
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 aatcagtgca aacattaaaa gcaatcatte gcttaaaaaa gaagcaaagg atttcatttc 120
 aagtataaaa aatataaaaa gagtcgtacg agtccagttt cgtctagtgt gggtaacccc 180
 tttaaattgc atagttcacg tggcacttgg acatctagag ggcgagcgag ttcggcgctc 240
 ggcaaaggcg acattctgga cacacgcaga tcggcaagtg ctatgtcatg tgcgttcagg 300
 caggctcgca agtgctatgc gggcgggcgg gcaggcgggc aggtgagtggt gcagggggcac 360
 gtccacggcc agccctgatg gctggggccc acatgggcaa cttctgcaaa tcagctgaaa 420
 gccttcccca tctctccaag accaactagg ctgctctcct ccttggcctc cgctgagggg 480
 acacccccat cctcagcagt tcaagaatgc tctcccccgc atttcctcca tgcgtctcat 540

caccttgcta ggggtcattc caccgtccac aaacagttct agagga

586

<210> 1472

<211> 462

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA608837

<400> 1472

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tttcgatttt aataatatat tttatttaac tcaatatatc aaaaatatta gcattccagg 60
atataatcag tagaaaaagt gatcaatgaa atagcttctg ttcttttctc atatgaagtc 120
tttaaacctg ggctgtattt tacaattcca gcacattgca atttggatca actgcatttc 180
aagtgtctcag tagcctcata tggctgggtg catggcactg cacagcacag ctctagatca 240
gctaccagct tccgggaaat tcagaggaca gaggaacatg ttaaacagca ccacagggat 300
gcaatcagca aaatctagat tgtgggaaac tctagaggaa aatcaagcca gctttttttt 360
ttttttccca gacagggctt tgctctgttg cccatgctgg agtgccatga tgtctcacca 420
cagcctcaaa ctctgggct ctagcgatcc tcttgctca gc 462
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<210> 1473

<211> 153

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA608897

<400> 1473

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tttttttttac agttgcctgt ttattatttt tcaaaacaaa aaaaaacaa aagacattca 60
aaattcccct gtggtggaca actgagttga tgtggctgat ccaggctgtc tcccaggttg 120
tctcagggag catcagttgt actagggggg ggg 153
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<210> 1474

<211> 336

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA608965

<400> 1474

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tttaattttt aattttaatt acaaaaaaga tgagtctgag aatgcatgta cagaagtttt 60
aatgaatca acttgcatc aacagcttta gggatcagtg gagtggctct aacaatcctt 120
gagttcaggc tggagctggc agggaagatg gggagccgca gacagcgtcc tgtgctctag 180
gaacacgggt acctgcactc aagccttagg aggcacgggg gtccactgga gcctaagaca 240
gatgtcctgg gctgcctgtc gctcgcagct agctattgtt tctcctgct ttcctccggt 300
cctcacctga gctctgatcg ccaggggaag gagctg 336
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<210> 1475

<211> 383

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA609008

<400> 1475

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tggaaccctg agtctgcatt ttctcctcag gaaggcggtc tgaaatggag tgggctgtgt 120
ttggcaaggg ttgtagtggg ttggaatctg cttggctccc gagctgggccc tcaggcatgt 180
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ctccccagag taaatgcccg ggatcattga ggaagcggtg gctgcgctgg catgttaggc 240
 aggtctgtac ggtccagcgc tgccccctgc agcgtctctg gcgctgggtg caggtagggc 300
 ccgggacgag gaggggaagag cagcctcgac agagagtcct cttcaccgag ggatctcgcc 360
 gcaagacgag ccgcttcgca atg 383

<210> 1476
 <211> 315
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA609011

<400> 1476
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 agacattggt ttatagcatc ataaacccca taccactgct gtcattccaa aagctgccag 120
 gacactggaa gttatcaagt ggtccagccc aggaatacag gtagaattca catgatagg 180
 gataagaaa caatgtctgt gggccactct gatccctctt ttacaccttg taggtaagg 240
 atgatcttaa gactatatgt actgagtcct attagtcagt gaaaaagatt taagtgacaa 300
 gttatgtgct ttgtt 315

<210> 1477
 <211> 329
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA609013

<400> 1477
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 ggcagcaggg ctcttgcat ctggagtcct gggatgggcg ggtcttccc gagctccgga 180
 gaccctaaag gggactctgg tctcccaggt ttcacaggag agacagacag aggaccagg 240
 gagcgagggg ggccagcagg agccccagt ggcgatggag gctggaagcc cagaggagta 300
 gccgtaatgg gtctctgcagg agccacca 329

<210> 1478
 <211> 429
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA609080

<400> 1478
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 gaccttgccg acagcgcagg caaagtacag ttatagatcc aaatacagat ggccagacaa 180
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 ctccctctgc ctacccccac tccacccccac gtcaggatta tccagggggc actatggcat 300
 ctgacccatc cctccccacc ttggagtcta ggttgagttg gggaaaaagc accatgggtt 360
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<210> 1479
 <211> 418
 <212> DNA
 <213> Homo sapiens

<220>

<223> Genbank Accession No. AA609132

<400> 1479

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tcagggtgttt ttccagacag caagtagaag aggtgggtggc caactccagt gctgtatcct 180
ggaggaggtc cgggtcagca ctgggcaagg taggtagcta gctgcctgac ccctagtctg 240
gggttggaac ttctgtttgc ctgagtaaag ggatgtcagt cctaagattt ctccacattg 300
tgtctttctt ctgcagtggg aaaaaggctg gtccttgaat tgcctgcat ggtaccctaa 360
ggcaggccca ctggctcttt ttgatcaagg attctgagaa aagctgccct tggaggcc 418
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<210> 1480

<211> 483

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA609164

<400> 1480

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actacagtga tcttccctta gatccttttc tactgagggtg aatagctcaa aagacaagga 180
tgccttttagt ccaggctaac ccctgtagcc tctacgcaat taacacagaa gaaaggcctt 240
cctcccttcc agcactgggg ctcaacagtg gactgagtgt ttggtagtgt acatttccaa 300
tcttaataga gcaaagccag acttctgctt tgatgactga gctacaggga caggagtggg 360
ccaaggttct caaattctgt ttttgttttt ttccagactt ctatactatt gtctgcccta 420
ggctgtaggg aatgctgggt agtttgctga acagacactg tgttcagcag ggtttgtggt 480
atc 483
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<210> 1481

<211> 408

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA609316

<400> 1481

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ttttacaaat tatatacatt tattttttaat aatttttaaat aacactcttg tataaattct 60
ttcatatatt caaatcatat acaaatttag aaatgcatga tgaagcctag tacagcatat 120
gtatgagaca catttttttaa gtttgtgtta gaatttttagt gacataaata caagtttaat 180
gtttcagaaa cattccctaa ttgctcggcc tataatttaa tgtattatag agtgcttatg 240
cctagcatta caacttgact tttaatcatt tagcttttgg actaacttag atctgaagcc 300
ctgggcttac tttctagggc tgctgctgca gcaacaagta acaattccta cccacatagc 360
ccaaaatata ggaaccaggg atgttcatta taagtgggtg tatgttca 408
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<210> 1482

<211> 464

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA609519

<400> 1482

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agaattcatc aagcggactc acatcttttc tctgcacaga gagggtgaa aaggagaga 120
aagtccctta tgtatgtcta gatttggtaa agcgaaggat ttcagcgaat gagtactga 180
ggctatacac gtttgcaaat tgtaaggcac tggcgggcag agagcacaga taaaggactt 240
ctgggggtccc ccattctgtc cagcaacctc ccagctcaca ccttagcttc taccaagaag 300
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ggtgaacaca gcatccctgc tatcttcaact cagaccccag aagacacagg aaaccgcaca 360
 gctccactcc caccataact tattaggaga taagtcacat tttatcaact tgccatcgcg 420
 cctcctatag attatacttc ggtaaaccga atctgtataa attc 464

<210> 1483
 <211> 513
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA609537

<400> 1483
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 catttgatac ggccataaat ttggatgggtc catgtttacaa tccttccaca attctccact 180
 taaagacatc atttttctat gtttttaatg actattgcca tctaacaatt ctacaattcg 240
 cctcttttgc tgtaaaaagg ccaactctac gtccacctgt gtctcatatt gctatctttt 300
 atttatctct gcttaagatt gcaaaaagtt ttgattttat tattcacctg aacaatgtat 360
 tgcaattcca atacaccccc atctcttgct gttatctaca gcttgtgaca aaatgaacac 420
 cttgtagaaa tctcctactg gttgggtttc ccaagtctat gacaccaaga gagaagcatt 480
 gctgatggat tgacgaggag accaccagat cat 513

<210> 1484
 <211> 372
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA609572

<400> 1484
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 ctctgtccgg ggtcggagag ggggtcctga ggcagcagca gccagctcc agagtgcag 180
 gcaggggctg tccagctgag tctccgcccc caggttgccc tggggaggcc cagctgctgt 240
 cagtgtctgt tgagacactc agcagcatct tccaaggtca gggtggccaa gtgtgggggc 300
 tccagacacc ttaaggctgg cgataccagg aaggccgggg tggctctgtg tgtcccaggc 360
 caggagaagg ca 372

<210> 1485
 <211> 326
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA609574

<400> 1485
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 ggtggtagt gggagagagg gtcagggggg cttggcaggg atgcaggcac catgactttt 180
 gtgaccagtt cctagagacg catgggtgta gcctcaggag gaaagcgaga ggagctttac 240
 catgggaacg aaggaaaagg acaacattgg gaggcaaacg ttgggagact agtccagaaa 300
 cttgcagttg aggatataac agggtc 326

<210> 1486
 <211> 325
 <212> DNA
 <213> Homo sapiens

<220>

<223> Genbank Accession No. AA609576

<400> 1486

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agacaaatga aatgctaata agaagtagga tgatattaaa atatccttac tttgcctgta 180
tggaacaaag gcagtctact ccatcgggga atcaaagcaa atgtgaataa gaggtttcca 240
ccttgcaaaa ctgtgagctt catttgccct ggagagaact actaggcaag gcttcacatg 300
acagtacctg tagggatgtc catgg                                     325
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<210> 1487

<211> 306

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA609614

<400> 1487

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gcacaattcc aggcttgagg gtggcagggg ggcatcgctt tgggctgagg atatcaagg 180
tttagaaaga atgaaaaagg agcccttggg tttgcaatct gtggcttccc ctccctgtct 240
cctaggaagg gtctgtctaca tggaaacagg ttgggataga aagggggcgg gacgggagca 300
ggggtg                                     306
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<210> 1488

<211> 346

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA609715

<400> 1488

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atgggggtaca tagtgacatt gcaatacaca aaatatacag tgatcagatt agggtaatta 120
gtatatccat catcttaagc atttatcatt tctttctgtt gagaacattc aatatacctc 180
ttctagctat ttagaatata tattattgtt aactgtagtc atcctacaga gctatagaac 240
actacaactt aatcttccta tctagctgta attttgtatc ttttaacaaa tttcttccta 300
tcccccatTA ctttttaaat taaattttatt ttaataatta ggtaac                                     346
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<210> 1489

<211> 380

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA609773

<400> 1489

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ttatagtttc tgtattgaaa tatgtaaaga catctgcaaa ttagtaccta gcaatgaaga 180
catacattta taaatatata cattctaggt ttgataaggt aaatgtaaac agatgccatg 240
actccttttc aaacagaaaa ccacaaagac taatagagaa ccaataggct ccctatagta 300
cgaatgtgca aaattaaagc atggtaaact gatatttaca taaatatcaa accaacaatt 360
agtttataca ttgtcaatga                                     380
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<210> 1490

<211> 414
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA609774

<400> 1490
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 cttgtaagta tgccatttgg aacatcttgc tttcagggtca ccatgacagg caaaagaaaa 180
 ctggagggtc atgcagaact ttttacagtc caacatggaa atagaaaatc acttctgttt 240
 acaatccctc tgcttgaagt agtcaaattg cattgcctaa ctacaagagg tttggaagtg 300
 aacaggagca gatagataca tgatgagctg taaatgcttt tgccatattc tacaaataat 360
 ataagcttat agaaagcatt ttaatgaaca attctgaaaa actctatatg gata 414

<210> 1491
 <211> 409
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA609786

<400> 1491
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 cacagaggca agagttccaa cctgggtgaca atggcagtga gccaccgctc tagttttcaa 120
 ccatctaaga tagcagcagc tggctgttgc ccctggactg agatttcttc ctctttgctg 180
 gtggggggcg gctggaacgg atgggagaca cagtgggagg ctgaggcccc ttggggtaat 240
 cattctgttt ctggaaggca gctttctcaa aaggctgctc tggcaactgc tgcttctcaa 300
 cccccttggc ctttccaagg ggctgatgat ggtccttagg tttcagggtg gcctgagtct 360
 tggatgggga taacacagcc ggtgtttgtg tgtctgtgcc ttgggaggg 409

<210> 1492
 <211> 426
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA609795

<400> 1492
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 gccaaattctg agatcagacg ggggtgttcc tccttaggaa gtggccactg gaagcattgt 180
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 gtgagtatga ctatagttct ggcctgggtgt tttctattta tttagtttta gatgtcagca 300
 ttttactata cttggtcctc tcacttcaga ataacagggc tatttattga taaaaaggag 360
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<210> 1493
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 <213> Homo sapiens

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 tatgtctcca ggcaagtga tggactggga agccaaattg ggcaacagca gtattttcct 240
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 ttccatgagt caagagaagg acaatctgca gcatgacaca gagaactagg tcagaataat 420
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<210> 1494

<211> 330

<212> DNA

<213> Homo sapiens

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<223> Genbank Accession No. AA609942

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 aggtgtagct tcggtgctct cctgttcagg ggcaggctca ctgcacgctt cttttccttc 240
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<210> 1495

<211> 442

<212> DNA

<213> Homo sapiens

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<223> Genbank Accession No. AA609996

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 ctctgtacc cccacaaaaa aactcaaaaa taggactgag atgccacagc caagcgggct 360
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<210> 1496

<211> 449

<212> DNA

<213> Homo sapiens

<220>

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 acaccattac caactaaaca gtagttcttt agcaataatt aggaagtcac agcacaaaaa 180
 cgacacccca gagttgtggt ccatttataa atagattttc acctaggctt cgttggaaga 240
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<211> 303
 <212> DNA
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<220>
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<400> 1497
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 agaataattt taacagaaga aaaagctcac atctatctag atgtggctat gttccatggg 180
 aaaaattttca gcatccaaag tgcaaagaaa aaatgactgt agcttttctt accacaaaat 240
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<210> 1498
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 <212> DNA
 <213> Homo sapiens

<220>
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 tttgtcccag tgtctgcttg gcacagttct gagatcacac aaacaagtgg gaggggggtg 180
 ggaaatagaa taagtgaag gactgaagag acaaaggcaa gggaggagag gcaagggtt 240
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 <212> DNA
 <213> Homo sapiens

<220>
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 ttcaaattat gggagatcat attcaaatat gcttaggttt gacaagttgc tgttacaata 180
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 tattataaaa caatatcaag atcatataga tatactt 337

<210> 1500
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<220>
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<210> 1501

<211> 303
 <212> DNA
 <213> Homo sapiens

<220>
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 ttactagttt ttcaatttca gataatcctt ttagaatcat ttcccttctt gaagatcatc 180
 cttttgtagt ctctttactg aagttgtgct gaggataaca tctgtttttc atctgagcat 240
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<210> 1502
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<220>
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 tttgaagcct caaacttaag gaactttcca cctggaaagc attcttaagt aacatcaatg 180
 aactgtcctc cctaaaacct agacacagta tcactgtgga aacagagtaa tagttctgga 240
 atcgattgag gattaggtta gaagcgccca caccaggaaa agcttccggg aaacggtttt 300
 aggacagaat caaggcacac ctgtggaacc tctttctgca tctgtcaaatt ggggacgctg 360
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<210> 1503
 <211> 292
 <212> DNA
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<220>
 <223> Genbank Accession No. AA620497

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 caccatagc cggaactgat tctccaggat ggcagagaag ccttcagcca gcgttggggc 180
 ctcgaactgc ttctgttagc catacatgac catgtctgac acggggatat gagaggagtc 240
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<210> 1504
 <211> 365
 <212> DNA
 <213> Homo sapiens

<220>
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<400> 1504
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 tactcctctg aataactaga cacaaattac atagcaagtt cgtgtttctg cccacccaag 180
 acacagccag taatcagtca caaacacaga cacagccaac tccaggggct ccagctttct 240

gcccattcttc tctcagcagt tcttcccata tgctaagatg cgccttcctg gtggctctct 300
 ctcaaggtag gtcaaggctg aacaagacag aaaagcacag tctaggtcca ccatcacctc 360
 ccact 365

<210> 1505
 <211> 408
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA620556

<400> 1505
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 aacagcacat ctttccttgg acatgcttta ctctgctgta gtggatcatca cagttttgat 180
 tttctggata agaagttcac cacagcattt gtgcattcat ctgatagcca tcttccctga 240
 aggacattgc attcttcagc attaacacgc tgtagttttt ctctctctct tttcctgatt 300
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<210> 1506
 <211> 417
 <212> DNA
 <213> Homo sapiens

<220>
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 ctccacgccg cttttgtctt atgaattgta ctgcattctt gtatttcatt ccaccttcaa 180
 ttaatgctag ggcaacaagt actggagctc tcccaaggcc tgcaacgcaa tgaacagcaa 240
 tacaacaacc aggttcttca cgaaacttaa ttttcacaag acttaaccag tcatcaacaa 300
 tctgggttga tggtggtgcc catcatcaaa aggccaatca agaacatgga taccttcttt 360
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<210> 1507
 <211> 423
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 <213> Homo sapiens

<220>
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 tttcacaatc tttccatatg cacccaagca ttcttgtatc agaataagct gtttaccagc 180
 caaccgtatg tggtggaatg attaaaatga ccatctatac tttacatagt aaagcatctt 240
 ccaaaatttt aatgtacaca gtgacaaaaa ggaaaaacaa acaaaaaaaaa cagtaattct 300
 gaacacatga agagtgatta agcagcttca taatcaaatc aggcttcatt acttgcaaca 360
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 aaa 423

<210> 1508
 <211> 439
 <212> DNA
 <213> Homo sapiens

<220>

<223> Genbank Accession No. AA620779

<400> 1508

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gcatcatcaa gttatgattt aggcaatgta tgattgaaat gcattcactc atcacgcata 420
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<210> 1509

<211> 227

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA620830

<400> 1509

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gaatttactc cttgctttcc ctgttttggg gaaaatgagg agagctgcct ccaaatacagg 120
gaattatatt gacacaggta gacataggga atggaactga atgaacccaa ggtgtttacat 180
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<210> 1510

<211> 375

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA620881

<400> 1510

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tttttaaattt tatttttagtg aatacatgca ttatataata caacaacaac aacaacaaca 180
aaaacacaaa gaggctagag atttcaccgt ttctaccccc aaaataacgc ttgctatcaa 240
gactttggag ggggatgggg gaaaagaatt taaaaggcaa ataatttttt tctcataaaa 300
agtaaaagct accataaaac attttttttt ctgtcacact gattaaaatt cttctgaaaa 360
gccgcacata tagac                                     375
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<210> 1511

<211> 517

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA620965

<400> 1511

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cagaaatata aaagtacaga aaatggtttt cctgcttttg tgttggttgt ggcgcccgag 240
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tgactgcgac tcccacgtga ttctccacaa agcggatgta gttctggggc tgtgggggca 420
ggtcctccca cctcctggcg cctgtggtgt ctgctttcca ccagggcagc gtttcatact 480
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517

<210> 1512

<211> 470

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA620995

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caatattcaa atttacaaga aaataagcac aaacttttag acagtgcagt tattgctgca 180
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agcatttccg cacactgggtg tccagaatct agtttggtgca gaaatgtttc cactagattt 300
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ttgcaactct tcaatgggtt tccattgttg gttgattgtt ataagctttt gaggtacagt 420
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<210> 1513

<211> 380

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA621131

<400> 1513

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<210> 1514

<211> 464

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA621146

<400> 1514

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<210> 1515

<211> 211

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA621192

<400> 1515

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<210> 1516

<211> 345

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA621209

<400> 1516

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<210> 1517

<211> 444

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA621235

<400> 1517

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atttcgctat ctgataacaa aggc 444
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<210> 1518

<211> 446

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA621242

<400> 1518

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ccaggataag aacagatatg aaaaag 446
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<210> 1519

<211> 435
<212> DNA
<213> Homo sapiens

<220>

<223> Genbank Accession No. AA621274

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cggagtgtta tatttaactt cccctgataa agctgtttcc tttcaaaaat ttctttttta 420
aatttacttt tggtc 435

<210> 1520

<211> 311

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA621277

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ccggctgggc tgtgtctgagg caggttctag aacagtgatc tgatagcatc caaggcagac 300
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<210> 1521

<211> 439

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA621315

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<213> Homo sapiens

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<211> 464

<212> DNA

<213> Homo sapiens

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<223> Genbank Accession No. AA621367

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<212> DNA

<213> Homo sapiens

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<211> 376

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA621430

<400> 1525

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gcagaggaaa tctcattttac tagcaaataa attaaatact tagggataag cttagcaaga 180
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<213> Homo sapiens

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<220>
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<213> Homo sapiens

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<220>
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<210> 1553
 <211> 307
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. C00808

<220>
 <221> unsure
 <222> (1) .. (307)
 <223> n = a or c or g or t

<400> 1553
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<210> 1554
 <211> 359
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. C01257

<220>
 <221> unsure
 <222> (1) .. (359)
 <223> n = a or c or g or t

<400> 1554
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 tttactgtgt tctgtgaaaa tttgtaattg gttgngaact actgtgggag tccattctta 180
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 tcctatgcaa caaaaaaagg gcaaaaantac ananattgct aaatgataaa caaanactt 359

<210> 1555
 <211> 387
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. C01286

<220>

<221> unsure
 <222> (1)..(387)
 <223> n = a or c or g or t

<400> 1555
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 cgcgagaaac aattaaaggt attcagaaac gtgaagccag caattgtttc gcaattcggc 120
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 ttattgagga aaattaatat cacagcataa cccaccctt tacattttgt gcagtgatta 240
 ttttttaaag tcttctttca tgtaagtagc aancagggct ttactatctt tccatctcat 300
 taattcaatt aancccattn ccttaaaatt ttttnntttc gaggtgtggg gtcttttnata 360
 tttggnntgg tacctgtntg gggtcac 387

<210> 1556
 <211> 283
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. C01409

<220>
 <221> unsure
 <222> (1)..(283)
 <223> n = a or c or g or t

<400> 1556
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 cttccttagg agttttgccc taccgtattc caaagcgtgt gctggtttct catattgtct 120
 gtaggctcac tcagcccgca gtttatgtgt gtgctttttt ctatgaaaaa tgatgtattt 180
 tgctacttcc tgtgtacaaa gttttattgt aaatgttttt tgtgctttgc atgaacaggg 240
 gccacgttgt tgcaattgtt tcagtagaac tggtttgatt tct 283

<210> 1557
 <211> 346
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. C01686

<220>
 <221> unsure
 <222> (1)..(346)
 <223> n = a or c or g or t

<400> 1557
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 agtatgttgc ttctgggggc tgctgtccta ttccagccct agtgaatagt taatgccttg 120
 aactattcct atcaccacag gttgccaggc caccaaataa cgaagccaat ccaggatttg 180
 tccatacaga aaatgtgtgc gctcccagct aaatctcagt taaggaggtt gttctatata 240
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 atgggtattt cttttcttgt taattctatg tgctcaatta aaaggn 346

<210> 1558
 <211> 316
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. C01721

<220>
 <221> unsure
 <222> (1)..(316)
 <223> n = a or c or g or t

<400> 1558
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 ggggaccctg cggccaggcc tggtgccatg agcagggctc ctctgtgccc tggccagg 180
 gtctcttccc ctgccccctc agtttccact tttgggggtt tttattgtta ttaaactgat 240
 gggacttttt gtgtttttat attgactctg cggcgcgggc cctttaataa agctaggata 300
 cgcttttggg gcagct 316

<210> 1559
 <211> 345
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. C01766

<220>
 <221> unsure
 <222> (1)..(345)
 <223> n = a or c or g or t

<400> 1559
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 aagggatggg caggctggca tgggggcagc cgctgcccct gcctnnntgt tgctgtgtat 120
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 gttctgctat tgtggtattc tgggtggagaa aaaagaaccg cgtggctgtt tttnaactgc 240
 ctggaaccta agaccctgaa ttcttttccc cccaagggg aaaatctata tggaaancat 300
 ttatttttaa atacaggatg aagtgaatta aaagatttta aatgc 345

<210> 1560
 <211> 260
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. C02099

<220>
 <221> unsure
 <222> (1)..(260)
 <223> n = a or c or g or t

<400> 1560
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 antcaaggga aactgacca tcttcaagag tcccggtccc ttgccacccc ttcacgtgca 180
 cctcaattt ccacaattca cttgaatgac ttgtnttatt ngcaataaaa ctgggctgaa 240
 tttgtgctg tctccaaana 260

<210> 1561
 <211> 388
 <212> DNA
 <213> Homo sapiens

<220>

<223> Genbank Accession No. C02386

<400> 1561

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gatctatttg tgatgactat atggcaactc tttgctgtcc tcattgtact ctttgccaaa 60
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tttgcaactg aaatatgatg gatatgctta agtacaactg atggcatgaa aaaaatcaaa 240
tttttgattt attataaatg aatggtgtcc ctgaacttag ctaaatgggt caacttagtt 300
tctccttgct ttcataattat cgaatttcct ggcttataaa ctttttaaat tacatttgaa 360
atataaacca aatgaaatat tttactgt 388
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<210> 1562

<211> 351

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. C02460

<220>

<221> unsure

<222> (1)..(351)

<223> n = a or c or g or t

<400> 1562

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aaccanntaa taaagattta ttnattgtaa tacctnacag ccgttgcacc atatccatgc 240
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agactgagcc tngatgtgtt aacaaaatag gtgaaggaaa gtctttgtgc t 351
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<210> 1563

<211> 321

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. C02532

<400> 1563

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gatcagggct gatattcacc tgggatagac agtattgggtg aactactcat ttactacagt 60
gtctcagcct tgataaaggg cagtggattg cctggtgttc ggtgttgtga atagcacctc 120
tgaataagat tagagtgttt cttaattcat ttcaaactct aaaattagat taatgggtgt 180
gctaagaaaag agtattaatt actttgggaa tgggtcaaaa taacattaaa aacatttttag 240
acaaaaagtt tcattgtaca ttcaaagaaa atgtaagttt ggaagtacta aaagactatt 300
ttatacttgt tgattaatcg c 321
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<210> 1564

<211> 266

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. C13992

<400> 1564

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ttttccccc aacattgttt ttgkggcctt gkaattttta gwcaaatatt ctamacggba 180
tattgyacag grtkgttggg aaaaaaakt waaaacaaam ccttaacgga cctgcctcaa 240
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acsgkacagac gkcctawktg cctbtc

266

<210> 1565

<211> 324

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. C14051

<220>

<221> unsure

<222> (1)..(324)

<223> n = a or c or g or t

<400> 1565

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atatcccaac cgsacggaca gttcatgctc attcccccca cccaattcta cacgtatctc 300
tctcttctta csgagaagc cagm 324
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<210> 1566

<211> 304

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. C14098

<220>

<221> unsure

<222> (1)..(304)

<223> n = a or c or g or t

<400> 1566

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kgagcgannc ctgaacgcac ggggggamac ggatrtacay gacatgttct cgcgsgcgck 240
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tgasa 304
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<210> 1567

<211> 295

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. C14228

<400> 1567

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aaaaaaaaaa aactykgggg ggggcccggg acccaattcg ccctatagtg agkcg 295
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<210> 1568

<211> 359

<212> DNA
<213> Homo sapiens

<220>

<223> Genbank Accession No. C14348

<400> 1568

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cctgtgggag acacttctaa ggaatcgtaa actcatgtga ccagcaggga ggacaccgat 300
gaagaaactt tcctgcctaa aatcagctgc tgtccagagt tagcacctgg gaggagaca 359
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<210> 1569

<211> 486

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. C14412

<400> 1569

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gcctcctaag actccacttc ctccagaatt agctgatgtt caggcataag gttgtttaca 180
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gctgcttttc taacaaactg ttgatcagca aaaataaagg ggctacagaa acactcattt 300
ttatgctgtt ccctcttggg cttcatgcaa agacaattct gtgtaaatgt acagttgact 360
ctgatttgga aatatgaaaa tcagtccatc cttgttataa aaaatttttt tacaattgta 420
atttatattg tggtcatatt gtgtaaaata actcatttaa taaaatagta ctttgdtttw 480
cggcatt 486
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<210> 1570

<211> 312

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. C14756

<400> 1570

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ctttaaaaa gtaacaaaaa acaccaccac acatgggraaa wtcccttgcaa ctaaacamag 120
kggscacaaca gggacaacty tcacagkgtt ttarggtctg ggaatctggg catgctgccc 180
acaggcttgg ggggacatct tcagggtttaa ggcaaaggga ccagcctaca aarggcacaa 240
ccaccagytw cccctaggaa gaatctctta gttattyccc ccttgggggg ttamagatta 300
agkgcctcty cc 312
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<210> 1571

<211> 353

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. C14835

<220>

<221> unsure

<222> (1)..(353)

<223> n = a or c or g or t

<400> 1571
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 ggtgytgggc aggytctgy atcccccttc ctcagcacag caccatcttc accctcctgg 180
 gaaagcagca ttggdgccta caccgbttgt gcttttctca ccagggttaag rvatgcaggt 240
 wtttgacagag gggagtgagt ctggaggtgg cagrgcacag ctagggaag acttaaggga 300
 acttgtggga agagtaactg gaacctacct atgctctctt gacccaaact ccc 353

<210> 1572
 <211> 310
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. C14963

<400> 1572
 gaaagattat ttagtccttt aatgtattaa aatagtagtg agaaaatsts cccttgaaat 60
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 cggttgaatt gcaaggggac agctcagaag ttcataaaag tttcaaatta gtcacatttg 180
 ttgaaaaaaa aaamcataaa tgcaggbgcc tgcaatgttt acattgtgtc agatatttca 240
 gagccatgta taatgttgtc ttgaaatcct aaacacttag ttttttaaaa catttctggt 300
 tactgrggrg 310

<210> 1573
 <211> 308
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. C15078

<220>
 <221> unsure
 <222> (1) .. (308)
 <223> n = a or c or g or t

<400> 1573
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 cagcgcttaa cggatctgc ctgctccact ccasggggcc agagcaccag cacgatgccg 180
 cccsactcgg ctctgcggng gccctkttg gctkccctt ccttttagctc cagctgytgc 240
 ccggggmatc cccgstcatt cccgctgsga gtccggggtt gctatctaag gbctcccca 300
 gtbbhcac 308

<210> 1574
 <211> 297
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. C15324

<220>
 <221> unsure
 <222> (1) .. (297)
 <223> n = a or c or g or t

<400> 1574
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tatcaacaat ctgacaggca gtgaacttga catgdttagc tggcatgatt tnnncttttt 120
 tntcccccaa amattgtttt tgkggccttg aattttargr caaatwtttyt acasggsata 180
 ttgcacaggg tgggtggcaa aaaaaagttt aaaaacaaaa acccttavsg grmcygcctt 240
 aaaaaggvag acgkcctagk gccygtcatg ttatattamm catacataca cacaatc 297

<210> 1575
 <211> 387
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. C15871

<400> 1575
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 tcaagcgatt ctcttgcttc agcctcctga gtagctggga ttacaggcat gctccaccat 120
 gcccggtctaa tttttgtatt tttagtagag acagggtttc accgtgttgg ccaggctggg 180
 ctcgaaactcc tgaccttggt atccacccgc cttggcctcc cagagtgtctg tgattacagc 240
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 tttattgagc acttggtgtg gccgtttcaa caggaggcac tggtagcgaag agtagcttgt 360
 tctagttcat atatcatttt gcacttt 387

<210> 1576
 <211> 301
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. C16420

<400> 1576
 tgacacatct gttcaataaa taaagagctt aaatatacaa aacataagaa atctggggcaa 60
 caaaacttgt ggtctttact tttgaatagc tacccaagaa aaggttttta aggtaaaagt 120
 tatgagtaat gtcacacaaa taagctcttg ttttaacattc ttttctttta tgtataatta 180
 ggtttatgtt tcatgtcttt ttaaaacctt ataaaagatt tamttatcac atctattctt 240
 caatgtggaa atattaaata ttgttggttg taaaataata tttatgtact acttgtgtct 300
 g 301

<210> 1577
 <211> 456
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. C18029

<400> 1577
 aagaaaaaga agaaagacac aaagaaaata atctaaacac caaaaaactaa acacaattcc 60
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 gtgtttttat ggatctaagt taaatctttt ggcaatatat aaaaatgtaa atagtaaact 180
 ttattttatta agaatgtcat cttttttta tttatattac acaattgttc atctaattta 240
 ttttttctat acagttttta atactcagac atattttgct gttcatgata tttttatcct 300
 gttctcatgg atttggtttt ccatactggt ttctctgac tcaattacag gttggatctc 360
 acaaataata atgtcagaga cagaaatatt ttgccactgt tgattactat acttttaaagt 420
 tctatattat gaaaatatat aatagcttgt acgctt 456

<210> 1578
 <211> 280
 <212> DNA
 <213> Homo sapiens

<220>
<223> Genbank Accession No. C20653

<220>
<221> unsure
<222> (1)..(280)
<223> n = a or c or g or t

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agaaaaacaa aataccatgt tcaaaacaga tgtatttgaa aacttaataga catgggtcca 180
aaaactagag catgtatgta tgctgtgcat catctcagca gacctaaaat atccccaagt 240
tgtcccttta cagccatcaa tatatttnac actctgcggc 280

<210> 1579
<211> 345
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. C20810

<220>
<221> unsure
<222> (1)..(345)
<223> n = a or c or g or t

<400> 1579
gatccggaac ccacttttta ttcaactcccc atgtcttttg ccttcctctt ctttctcttt 60
ccctctgcca tcctgacact gatagtttgt catataaatt ccacagggtg tgtttttttt 120
tctagaaaaa aattaaaagg gaaaaacaaa ccaaaaaaac cagaaaccac gaataagaat 180
ggaaatgaca atggctgcct gtcattttttc tgtcacgntt ttcttgattt gggttggtcc 240
ctttgtctca gagaagcagg agatgttgat gagggctctc ttcagggagc agcccattta 300
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<210> 1580
<211> 355
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. C20911

<220>
<221> unsure
<222> (1)..(355)
<223> n = a or c or g or t

<400> 1580
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gcagctgcaa gtaccgctgt tgtgattgct ggccgttcgc taaaccccaa cagggtgact 180
ttcaaggccn ccnggcttna aaaagttttt ataagagaag ttctcttgaa cactattatc 240
ttcatgggca gagtagccaa cccttggtgtt aagtaaaatg ttcttattct ttgcacctct 300
tcctattttt ggtttgtgaa cagaagtaaa aataaataca aactnntnnc atctc 355

<210> 1581
<211> 292
<212> DNA
<213> Homo sapiens

<220>

<223> Genbank Accession No. C20974

<400> 1581

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taactgacat ttgctttttt tcaagaccta atagaaaata agaaagccca taatgtattt 180
agaaacagga atcctcagag caattctctg tattctcata taatttcaat gtaaaacaga 240
aaacatattg atgtgttggg gataggcttg aattattaaa aacttcaaaa ac 292
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<210> 1582

<211> 261

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. C20982

<400> 1582

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taagaaattt ataaagtgtt gcttttaaaa cgtggacata actcattttt ctagtttttg 180
acaattgtgt gtttttagtgt ctagtctgca gagagctgtg tgattaataa acgtggaatt 240
aacagaattt cctctccctg t 261
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<210> 1583

<211> 262

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. C21130

<220>

<221> unsure

<222> (1)..(262)

<223> n = a or c or g or t

<400> 1583

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gtttggaaga tattaacata atgggcatct tagaatcata aatcacatga aatgagagac 120
aatgcaatat tgtataattc ctggatgatg caattgtttt aattganttt tcaagtgcc 180
ttataaagtt ttaaaaatta tcaatatgag ttggtgccta attttttnntt tcttaaaaat 240
aaaatttttc ctttttatga gt 262
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<210> 1584

<211> 278

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. C21238

<220>

<221> unsure

<222> (1)..(278)

<223> n = a or c or g or t

<400> 1584

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<210> 1585
 <211> 226
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. C21248

<400> 1585
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 gaccctggat gttgaattgc cacctgtttg ctgtgacata gatatttaaa tttcttagtg 180
 cttcagagtt tgtgtgtatt tgtattaata aagcattctt taacag 226

<210> 1586
 <211> 2011
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. D00003

<400> 1586
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2011

<210> 1587

<211> 1362

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. D00017

<400> 1587

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<210> 1588

<211> 1394

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. D00097

<400> 1588

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<210> 1589

<211> 1971

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. D00408

<400> 1589

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<210> 1592
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<212> DNA
<213> Homo sapiens

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<220>
<223> Genbank Accession No. D00723

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<211> 3634

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. D10040

<400> 1593

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<210> 1596
<211> 123
<212> DNA
<213> Homo sapiens

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<220>
<223> Genbank Accession No. D11756

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<400> 1596
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aaa 123

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<210> 1597
<211> 494
<212> DNA
<213> Homo sapiens

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<220>
<223> Genbank Accession No. D11802

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<220>
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<222> (1)..(494)
<223> n = a or c or g or t

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ccttnnnntt ctaatgagtc gactttnagc tggaagcag ccgtttctcc ttggtctaag 240
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tgcaattgcc caaa 494

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<210> 1598
<211> 156
<212> DNA
<213> Homo sapiens

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<220>
<223> Genbank Accession No. D11835

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<220>
<221> unsure
<222> (1)..(156)
<223> n = a or c or g or t

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 ttagtcagta ttcttaaata aaatttataa ttgaaa 156

<210> 1599
 <211> 133
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. D11881

<400> 1599
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<210> 1600
 <211> 3493
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. D12485

<400> 1600
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<210> 1601

<211> 2073

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. D12620

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<210> 1602
 <211> 910
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. D13243

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<220>
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<220>
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<220>
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<210> 1617
 <211> 1311
 <212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. D14686

<400> 1617

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<210> 1618

<211> 1860

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. D14695

<400> 1618

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<210> 1619

<211> 1584

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. D16294

<400> 1619

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<210> 1620

<211> 1875

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. D16350

<400> 1620

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<210> 1621

<211> 1991

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. D16481

<400> 1621

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<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. D16626

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<213> Homo sapiens

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<210> 1624
<211> 202
<212> DNA
<213> Homo sapiens

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<220>
<223> Genbank Accession No. D20350

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<220>
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<223> n = a or c or g or t

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<210> 1625
<211> 145
<212> DNA
<213> Homo sapiens

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<220>
<223> Genbank Accession No. D20464

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<400> 1625
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145

<210> 1626

<211> 161

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. D20899

<400> 1626

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<211> 152

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. D20906

<220>

<221> unsure

<222> (1)..(152)

<223> n = a or c or g or t

<400> 1627

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<210> 1628

<211> 3406

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. D21063

<400> 1628

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<210> 1629

<211> 1360

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. D21261

<400> 1629

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<210> 1630

<211> 1418

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. D23660

<400> 1630

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<210> 1631

<211> 5323

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. D25216

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 <212> DNA
 <213> Homo sapiens

<220>
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<210> 1633
 <211> 2591
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. D25328

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<210> 1634

<211> 108

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. D25560

<400> 1634

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<210> 1635

<211> 1620

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. D26129

<400> 1635

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<210> 1636

<211> 1929

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. D28124

<400> 1636

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<210> 1637

<211> 792

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. D28589

<400> 1637

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<210> 1638

<211> 328

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. D30946

<220>

<221> unsure

<222> (1)..(328)

<223> n = a or c or g or t

<400> 1638

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caaagaagtg actcgaaaac tttctgaa 328

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<210> 1639
 <211> 350
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. D31094

<220>
 <221> unsure
 <222> (1)..(350)
 <223> n = a or c or g or t

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<210> 1640
 <211> 311
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. D31117

<220>
 <221> unsure
 <222> (1)..(311)
 <223> n = a or c or g or t

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<210> 1641
 <211> 360
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. D31225

<220>
 <221> unsure
 <222> (1)..(360)
 <223> n = a or c or g or t

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<210> 1642
<211> 281
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. D31289

<400> 1642
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<210> 1643
<211> 311
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. D31294

<220>
<221> unsure
<222> (1)..(311)
<223> n = a or c or g or t

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agatgagcta g 311

<210> 1644
<211> 332
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. D31381

<220>
<221> unsure
<222> (1)..(332)
<223> n = a or c or g or t

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ccagtgtca cagtggaaag atcatgggag aaacagaagg gaagaaagat gaggtgact 240
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<210> 1645
 <211> 321
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. D31417

<220>
 <221> unsure
 <222> (1)..(321)
 <223> n = a or c or g or t

<400> 1645
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<210> 1660

<211> 1938

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. D43950

<400> 1660

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<210> 1661

<211> 1479

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. D45288

<400> 1661

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<210> 1662

<211> 268

<212> DNA
<213> Homo sapiens

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<223> n = a or c or g or t

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<211> 232
<212> DNA
<213> Homo sapiens

<220>
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<220>
<221> unsure
<222> (1)..(232)
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<210> 1664
<211> 109
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. D45714

<400> 1664
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<210> 1665
<211> 1487
<212> DNA
<213> Homo sapiens

<220>
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<210> 1666

<211> 966

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. D49387

<400> 1666

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<210> 1667

<211> 680

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. D49400

<400> 1667

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<211> 3008

<212> DNA

<213> Homo sapiens

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<223> Genbank Accession No. D49742

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<210> 1669

<211> 1747

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. D50312

<400> 1669

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<210> 1670

<211> 1635

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. D50582

<400> 1670

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<210> 1673

<211> 2108

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. D50914

<400> 1673

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<211> 336
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. D51133

<220>
<221> unsure
<222> (1)..(336)
<223> n = a or c or g or t

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gcctaggtgg ggaggacgag gccataaata ctgcaggagg gcggcaaggg agcccyaggg 180
cgaggggaaa gcagggtgtc ggcagcaaga tggctccggg ggtttagaca ctgctggctt 240
cggcccgggc ccacctgcct ctcactccag ctgcgagcag cttcactygg ggcctgggct 300
ccgactcctc ctgctcgtct tcgtacatct cgcct 336

<210> 1677
<211> 496
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. D51199

<220>
<221> unsure
<222> (1)..(496)
<223> n = a or c or g or t

<400> 1677
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magggggggg sggggg 496

<210> 1678
<211> 313
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. D51276

<400> 1678
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acaccacgyg tactgacgta gaaamgatgc aacacgaaaa atagctacat tmgaamgacc 240
aacactttmg aaaacgvgtg aaacactttc cgtttctccc ctttcgcccc taaaacaaca 300
tcttacagyc ygg 313

<210> 1679

<211> 288
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. D51279

<220>
<221> unsure
<222> (1)..(288)
<223> n = a or c or g or t

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cacttgacac atggaaataa cataggggttc acagcaaacg gatcagtaaa ggcatattag 180
graaatgcaa ggaaaaagaa aacagcggga atcacagtat taatctcatg ataaatggca 240
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<210> 1680
<211> 355
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. D51287

<400> 1680
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tgtcatcaac cttawttagg ttgwtttggt gtgcagcama aagggcctcc accaacttga 240
catacatagg ytcacacag ttggatgmaa gcacacaaag atgggcttgg cgcttcccaa 300
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<210> 1681
<211> 229
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. D51393

<220>
<221> unsure
<222> (1)..(229)
<223> n = a or c or g or t

<400> 1681
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cttctctgcm ggcttctttt cmggggctgg tttcttggtg gctgctgctt ttwwtcccac 180
cagmvscttc ttcygttct taacaccaac agcagcctcy ntcctktct 229

<210> 1682
<211> 328
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. D52097

<400> 1682
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<210> 1683
<211> 410
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. D52632

<400> 1683
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<210> 1684
<211> 317
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. D53139

<400> 1684
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cvgcgagcag ccaagctcag cgsaacctcc gggsttctcg stctgactcc aaaagggtga 180
ccgtcgccct cggsacgggg ccttttacat tkcgatgay ggatcsgctc gtgtcgtbcc 240
atgaattcca cgcgcacctg cgtgcactgt ccctgagaac cggtcctgcc caggacctg 300
gtgaccysg ccagctt 317

<210> 1685
<211> 272
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. D54296

<400> 1685
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tttatgrggk gtccgtttcc cattccccct aaaaagagaa tctcttaggg aaaaaaaaaa 180
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ctccaacttg atgcttgkg gatgccsctt gg 272

<210> 1686
<211> 2427
<212> DNA
<213> Homo sapiens

<220>

<223> Genbank Accession No. D55716

<400> 1686

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<210> 1687

<211> 308

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. D56989

<400> 1687

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gaggtaacac tgtacttcty aggtatgtya ataataamty mmggttataa tggttgccat 180
attagagaaa atgaataagc attagtctca gcaaaaacaa aaattagttt ggmagtagat 240
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camwtycc

308

<210> 1688
<211> 330
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. D57317

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atcttacaaa ttcttctgca atccaaacat acaatagctt ggagAACatt tagaaaacaa 180
aagccaatgt aaaaagacag attaaaacaa ctagaacagt acagggtttta tttatatggc 240
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<210> 1689
<211> 245
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. D57489

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ccatgtgatg ggtgggggtgc ctctcagtgg gggcgggccac gaccacggcc ccggccttct 180
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ggacg 245

<210> 1690
<211> 383
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. D57823

<400> 1690
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tttgatttat tcattagtat tcactttttac ctttaaagtt tacttgtagc aaatatgttt 120
acattgataa agccagatat gttttgacaa tgaaatttac atatcaagta ctgcaaataa 180
aagggtggtgc tatgatatat gcttaggagg acagttttta tgattgtact tgcataaaca 240
caatcatatg atggtaaagc agaacttaag aaaaaattgt ttatgtgtta tattcaatta 300
gcttaaataa gttgctttgt tatattttat ttgaattgaa ctacggtagg cctaaatgcc 360
aataaaatat acttttcact gtt 383

<210> 1691
<211> 405
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. D57916

<400> 1691
aaaaccttat ctgctagaca atgtaagatt cacacagagt tatctgggga ttctgatttt 60
taaaatagta catatcatta aaccattttc tctaaatgta agaagagcag aaaaaatctt 120

ataagattat cagatTTTTc taattgacac agaaatgtaa gaaaaaaatc cttttatatt 180
 gaaaaaagat gcagtcaaag tcttttcaga catcccaaaa ctttgagaat ttcttcaacc 240
 atctaagtct ataaagattt ttgttcttcc tgttcacaac cagttgtata acagaaatac 300
 tagctactgt tttccttctt gtgtgtgaag gaatgaatca ttgattatgt gacttggtat 360
 gtattcaatt aaacactaaa gaataaaaca ttcactcctt taatt 405

<210> 1692
 <211> 245
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. D58231

<400> 1692
 ctttattaaa accttagcat gtctccctga tctgaactat ttgctttctc ttcaagataa 60
 gttgtatttt accatggaaa aatacagtat ctaacattac cattcacgtt aaatgaagtt 120
 tcttcataac atttatcttt agttttatga agtcatcgtg accaatgtta cagtaatttc 180
 tgtagctga ttgtggtaaa caatgtttta tgtgaaaaga aattaaact ttcttcatct 240
 gttgt 245

<210> 1693
 <211> 454
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. D59294

<220>
 <221> unsure
 <222> (1)..(454)
 <223> n = a or c or g or t

<400> 1693
 aagcttttcaa agacaggttt atttatatat aagtgcattga mattgaatac agaaacttta 60
 ttaaaataact gtatattaca aatttttaat ccaataaatt ctgtgtaatg acatttaagt 120
 gctggattca ctttttaaca gttgtcttgt gtgtatcagt aaagrgttca ccctgtatat 180
 tacaaagagg agagccacat gtggacctca gaaatgggcc tgtgattaga cactgaatga 240
 tagtaattgt gcatcttttc cttaaagcaa tgaattggaa cctagatctt atctttgtag 300
 acctactttc tataattaam aataacttgc atatgttatt gctgcccttt gaagaaaaatg 360
 agaatggtga aaaataattt aamataaagn tcaacatctc taggctaaac tgatgcttac 420
 tgcattaaaa ttacttaaaa tcaactgcaa ttgt 454

<210> 1694
 <211> 269
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. D59322

<400> 1694
 atttcaatmt ttttaatsyt ttatwtcgaa agrgaagcta agmcytkddt taaaaacatt 60
 tccagagaga acactttata ccataaaata aacbtgtata ctttgggagg acaaatcatc 120
 tcaamtsymt cbkbtgtavt tatgtgccac bkttataatt agtacaaaav tgacagctcg 180
 aactcybttt aaaavtgtaa aaaccagtc aggsaacata actataccmt cttgctgtaa 240
 agtacttata tcvttccgc acaaactct 269

<210> 1695
 <211> 302

<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. D59344

<220>
<221> unsure
<222> (1)..(302)
<223> n = a or c or g or t

<400> 1695
caatatttatt ytttaaaaaat ggaatattca aagtactttt ctttcaaata tcaacacata 60
atgtttamct ttaaatattt acagcatgtt gttgtgatgc tcttgtagaa aaatgcatgc 120
ttctggcctg rdagccagag caaaatgcaa aagaccattt aactgcagcc agagaacatg 180
aacctgtaca gtatccagtc acttttsagc acaggagavc aggvntacaa aattggracc 240
tattgtttcc tagcaacatg gctcagacca ttataacaca myyttcaata tgawyacdmc 300
cc 302

<210> 1696
<211> 356
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. D59355

<220>
<221> unsure
<222> (1)..(356)
<223> n = a or c or g or t

<400> 1696
gtttctagtg aatttaaatgc atgagtctca aaaatcaatg gcaaaggaaa aaatgaataa 60
aattaaaats gggtcaggag aaaagggcca tgggcacaca caggaggggc agtcagtgcg 120
ctgagctagg cagtctgaag caggggggaat tcctytagcg tgctcatact ctggtccaac 180
ccgmtagatc ctccgtscgn gnnagctccc cccaccgykc acgactgtkt nncttgcaaa 240
aagcgcgccc atacttncgc cgtggmcatt cgaagtagcg ctttccatt cacttgcca 300
tcatttttcc ccagtgcgct catcatagcg gacaccaatc cagtagccag gcttga 356

<210> 1697
<211> 255
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. D59553

<400> 1697
tttgcacagt atcaatacct ttaatactat aattttcaag atgcgcaaaa taaaatttta 60
aggcaaaaac agcactttgc aacaatttaa tatatatcac attacagtag catcacacca 120
gcagtcaata atgccacttt aggcaaaagt ctttcagtat ttctgtacac attctgttaa 180
caagaacca tacattggta aahttcattc taaggaaact tggcaaacaa agctttggac 240
tggaattggc atttc 255

<210> 1698
<211> 269
<212> DNA
<213> Homo sapiens

<220>

<223> Genbank Accession No. D59554

<220>

<221> unsure

<222> (1) .. (269)

<223> n = a or c or g or t

<400> 1698

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ttcaacacca tgagcgctgg ggnnnnnngct gtgcctggvc agctctgcgg tgtgtggtgg 120
vgccacgttg ggccggttgt caccgccagt tgaggggtta acagcgtcac ctgggggaaa 180
mcctggaac cgtctaata agcaggtghc ttaggggcgt ctctagaaac ctstgtgccg 240
atttctctgc gagcccgagg gtctcctct 269
```

<210> 1699

<211> 337

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. D59570

<400> 1699

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aattggcatt aaaagttttt atttagtatt tgabccamaa tttatamaag ttatttamaa 60
ggsatgaaaa tggaaaacag cacaaaatac aattgrggta taagctcagr gcacagtatg 120
ycatgtttca ataaatataa ttcaaaattt gtaaactagg kgmccagata catgrgyctt 180
atttttagta aaaccatwta aaatwtttwt ttcacgtgag gtagrggmca gttttctgtg 240
tcatgtaatg caaccaacca cagcaacttt amccataaaa ctgtacatca ttggvaaawt 300
tttaacttta attatggcca atgtagccaa tttttttt 337
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<210> 1700

<211> 352

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. D59714

<220>

<221> unsure

<222> (1) .. (352)

<223> n = a or c or g or t

<400> 1700

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attggattat ttgaacmaca tactggtaat ccaccctctc ccctcgcacc ctttlytggg 120
tctatgtgac ctaggamatt tctctgatct agnancawat atmagattgt acacagcgca 180
acagmtctag aacatggcca gtccaggcat tagagttaag gacattgtgg caaatcatga 240
tcataatgaa gtcattctta atttagtaga tattaamctg acgttaatta tatctcttaa 300
aggcattttaa ttaacggaga gatttctaca wttavgccat ctbctagttg tg 352
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<210> 1701

<211> 301

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. D59847

<400> 1701

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tggccgggggt aagttgctct ggacgtgctg gcggggagca gtccctggtgg cgggatggcg 120
 ggggcacttc tgggtcccag ggtgcacggg atccgggcag tgctcagggt ggcaagaggc 180
 ggcgtgcagg cacctggggc gccggggtct ctaggcggtt cacacgsagc agcgccccc 240
 gcacgcctc agggggcagc tcagagccca catcgtggtc ggcggcacgg cggagggcggc 300
 g 301

<210> 1702
 <211> 304
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. D60670

<400> 1702
 aaatatacaa ctcacacttt atttttagtta aattcataat gtaggtaata ttaaaaatta 60
 ttataaacat ttaataatgc ttataaatty gctattatag tacaccacta cagacacata 120
 aaamgttgac ttatctaatt aaaacatttt cccttcctat gtttctaatt ctgaaaacta 180
 taaaaatatt agtcatgtta catatttttc aaaaataaaa ctgccatatt ccattgcca 240
 ctttacaatga aaaaggtata tgtbytggta tattaggmgt ttatgatgaa aatatagggt 300
 caga 304

<210> 1703
 <211> 396
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. D60769

<400> 1703
 attgctgaac accaatatgt cactttatta tttggvttty byttccatt tgtcacatac 60
 ctgtcaatgt tacacaatgr gggaaatcaa ccagcattgg aagcaactga ccaaatacgt 120
 tgataattct gtacctctt aacacacatc aattttcact tggtagggat tatcttaaty 180
 cgggtctcaca gctattctta aaattggtgt caagattgyc acatcttta wtacagwtg 240
 ahttgccaga rgtacatawt tatatatvte tvbsccacat acagaaaamta caagactggt 300
 tcccacaata tttaatatt acactactgt aactatatgc mecttttgaa gacagggtta 360
 gggghacaag tactktttag rgcaagwaag tagttt 396

<210> 1704
 <211> 327
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. D60811

<400> 1704
 gaagtaaata atcttttatt ttcattctac atttggttat catgagacat gcaaactcct 60
 ccaattttta tgrgaacagt gtttttstgt ctttttatca catatccsytt taatattagg 120
 tgtaatatsts ctaagycgga ttcgmatatg rggkgcagca tcaagtcttt ycctatatty 180
 bgtttttgtt gcagcgtaat atgaaaaccc cgtttcacac aggkgcattg tagcaaaagg 240
 aagaagtaca cgcactgcac gccttgcaat gcttggggwat toctgaatta ggctactcca 300
 aaamtcatth agtgaaagt cactaaa 327

<210> 1705
 <211> 253
 <212> DNA
 <213> Homo sapiens

<220>

<223> Genbank Accession No. D60856

<220>

<221> unsure

<222> (1)..(244)

<223> n = a or c or g or t

<400> 1705

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atgtttaatg caaacctgtac attctcagca gagcacaagt atcaarggga cattggatat 180
attbyaataa tgvvctaaca caagcaaaaa taaccactga aaatataaaa ctcaacaaga 240
gacataagra aaa 253
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<210> 1706

<211> 320

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. D61991

<400> 1706

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tgtttatatt actggtatta gtcttagcct aatgaacctt attatttttc ttttgtattc 60
tttgcttcct caaatagcat ctgcagcaat tggaatgaga aatccagata tgtgtttcaa 120
gtagtacatt gctgaatcac aaatcacttg atcacagtat tgtatataat ccctgatccy 180
atttgtytca ttttattgta aattcccatt tgcataaaaa cctaatagata gtgattggta 240
agtaaaacaa atgggtgtatt gttttcatac agtgttttca caaaagccat ttgcctaggc 300
agcaaaaaat attatttgtt 320
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<210> 1707

<211> 327

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. D62103

<400> 1707

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tsttaaagt gattatactt ctctttgact ygtcagctta gcttttagctg atacactctg 60
gtgcccact attattgtat cagtgaactt ccacttttct ttccttttct ctcaattttt 120
gttgatcat tctaccttg tgaggacata taatatttac attctgttgt catcctcaca 180
tttcttagtt ccacagttta aatgtatttg aaactcaaaa cattcccatt aatctcttgg 240
tcagctgaaa ttaatgattt aatagtttcc ttaaaaaaga ctcatggaac aatttccta 300
aatttttgcc atgtcaaata tgtttat 327
```

<210> 1708

<211> 224

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. D62518

<400> 1708

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ttatttcagc agcgaagaga taaataccag agtaacctca gtcagatggg aacagttagg 120
tctaaagaaa attatatgaa atactgactg taatactgct atagagtata cagtatgtta 180
aaacatgatg gagaggctgc acacattggg aacgttttat gtca 224
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<210> 1709

<211> 364
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. D63160

<400> 1709
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 atggcatcaa ctggaagtcg gggaaaggat acaattatag ctacaagggtg tcagagatga 240
 aggtgcgacc tgcctagccc agggccggcct cagggtcagg acgcctccac acatagttgg 300
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 tcta 364

<210> 1710
 <211> 852
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. D63391

<400> 1710
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 gagaggagaa cccagccagc aagcccacgc cgggtgcagg cgtacagggc gacgggct 180
 ggatgtccct gcaccatcgg ttcgtggctg acagcaaaga taaggaaacc gaagtcgtct 240
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<210> 1711
 <211> 3411
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. D63478

<400> 1711
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 caagcagcgg ccacaggcca ctgcagaaaca aattagactt gcacagatga tttcggacca 240
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 ccgtggacga gagtttcgag gtcaggaaaa tggattggat ggcaccaaga gtggagggcc 600
 ttctggaaga ggaacagaaa gaggcagaag gggccgtggc cgaggcagag gtggctctgg 660


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<210> 1712

<211> 6322

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. D63486

<400> 1712

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cgcatgtgga	cgtgcacggg	atccacttcc	gcaaggaccc	tttggaaagg	cgggtggggc	360
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603

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<220>

<223> Genbank Accession No. D76435

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 <213> Homo sapiens

<220>
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 <211> 1063
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. D78361

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<210> 1719
<211> 338
<212> DNA
<213> Homo sapiens

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<220>
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gatcctgggg agggagaacc cctggcccca tgggaaag 338

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<210> 1720
<211> 416
<212> DNA
<213> Homo sapiens

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<220>
<223> Genbank Accession No. D78725

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gcagattgct ataatttcaa ggagttagat tataaataaa atgatgcact ttaggatgtt 300
tcctattttt gaaatctgaa catgaatcat tcacatgacc aaaattgtgt ttttttaaaa 360
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<210> 1721
<211> 371
<212> DNA
<213> Homo sapiens

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<220>
<223> Genbank Accession No. D79205

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gatgaaaact ggaaataaaa tcaggtacaa ctccaaaagg agacattgga gaagaaccaa 180
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cctttctttt t 371

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<210> 1722
<211> 381
<212> DNA
<213> Homo sapiens

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<220>
<223> Genbank Accession No. D79276

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ttatctatac aattyaata a 381

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<212> DNA
<213> Homo sapiens

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<220>
<223> Genbank Accession No. D79687

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<211> 6940
<212> DNA
<213> Homo sapiens

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<220>
<223> Genbank Accession No. D79992

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<212> DNA

<213> Homo sapiens

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<223> Genbank Accession No. D79997

<400> 1725

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<211> 377

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. D80050

<220>

<221> unsure

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<223> n = a or c or g or t

<400> 1726

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<211> 237

<212> DNA

<213> Homo sapiens

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<223> Genbank Accession No. D80217

<400> 1727

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<211> 245

<212> DNA

<213> Homo sapiens

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<223> Genbank Accession No. D80218

<220>

<221> unsure

<222> (1)..(245)

<223> n = a or c or g or t

<400> 1728

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<211> 377

<212> DNA

<213> Homo sapiens

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<223> Genbank Accession No. D80237

<400> 1729

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<210> 1730

<211> 224

<212> DNA

<213> Homo sapiens

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<223> Genbank Accession No. D80312

<400> 1730

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 <212> DNA
 <213> Homo sapiens

<220>
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 <211> 313
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. D80420

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<210> 1733
 <211> 288
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. D80662

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<210> 1734
 <211> 281
 <212> DNA
 <213> Homo sapiens

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 <223> Genbank Accession No. D80710

<220>
 <221> unsure
 <222> (1)..(281)
 <223> n = a or c or g or t

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<210> 1735
<211> 372
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. D80905

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<210> 1736
<211> 274
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. D80917

<220>
<221> unsure
<222> (1)..(274)
<223> n = a or c or g or t

<400> 1736
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ggcaagggnh gcaggacaga agagacnsgg gaactygcag gggccctggg actcaggrrg 180
agatgctgat tmcabctvca taggtgacct agtcctggcc ccggytggtc ccaagagaag 240
gytdtaagta cccagggggg tggwaagcag atgg 274

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<211> 336
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. D80946

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gtgagatcgt ggcaatttga cagtattata attavgstca ataaaggtag atgggggtacc 180
tggaagrtca agatctacag ctgcctattt ccacatctt caatccatct ggstccttaa 240
ataggggaaa aagcccttat tggkggrgga aggatttcca aatgagttam aggttctatt 300
aaaactactg tccatcaact bttwaaatag ggcctt 336

<210> 1738
 <211> 308
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. D80948

<400> 1738
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 gctgaatatt tycaagccat tttgaatggg gtccygwaca wgtacataaa taatacatac 180
 tgctttctga attaccttaa aatacagtac caccargggt tatatttctw tgdaactact 240
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 <213> Homo sapiens

<220>
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<220>
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 aggcagggcc taaggagggt cagagactag ggccgggagt ggtgaggcaa ggttggggcc 180
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<210> 1740
 <211> 313
 <212> DNA
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<220>
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 gtataaagca attttttgtt ccattacgtg actttttgtt ttattgtata tgtaatttaa 180
 cacacaataa agggtaaaagt tgcttcccca aaccacactt ttaatcaaaa ccyagaatca 240
 tctgcagtcc ttgttaaaaaa tgcagggttc tagaaccctc tgaagttctg attaaataaa 300
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<210> 1741
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 <212> DNA
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<220>
 <223> Genbank Accession No. D82061

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<210> 1742
<211> 317
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. D82226

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<220>
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<223> n = a or c or g or t

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cccttccctc caccacacca ctcagggggg ggggnnttctc tcgcaccccc agcacctctg 240
tcccaaaaacc tcattccctt ttttctttac ccaggattgg tttcttcaat aaatagataa 300
gatcgactcc aaaaaaa 317

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<210> 1743
<211> 371
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<223> Genbank Accession No. D82277

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<220>
<221> unsure
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<223> n = a or c or g or t

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ataaacatcc g 371

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<210> 1744
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 <212> DNA
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 <211> 434
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. D82422

<220>
 <221> unsure
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gaaacaagct	ctttgcttgc	ggtcctgatg	caaaagaagt	taggaaggaa	aatcaagcaa	360
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<210> 1746

<211> 259

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. D82558

<400> 1746

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aaagtacaaa	aagtacagtc	tgtcagccag	aataaaaagct	acttgccgt	aaggctaaaa	180
gaccaagatc	tgagagattc	aaggcaacaa	gcagcacaa	ccttcataca	taattcatta	240
tatgggccag	gaaccaaca					259

<210> 1747

<211> 2122

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. D83735

<400> 1747

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gcagagctcc	gcacctggat	cgagggactc	acggcctct	ccatcgccc	cgacttccag	180
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<210> 1748

<211> 6604

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. D83783

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<213> Homo sapiens

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<223> Genbank Accession No. D87953

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<212> DNA

<213> Homo sapiens

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<212> DNA

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```

<210> 1770

<211> 225

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. F01444

<400> 1770

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cacatttttag cagttaaact tttattttac tgtttaaaat ttttatttac tttttttgtt 60
tttcttttct acaaaaggca ggtgatgatt gttgatctgc aactattgtg ttgtgcactc 120
cccgaaaggg gcagagtagg aagccaggga aggtgctctg aggatgcttt ctaagggtctg 180
caggacactc actggaggga gtgtctgggc cttctcctg tcctc 225

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<210> 1771

<211> 281

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. F01538

<220>

<221> unsure

<222> (1)..(281)

<223> n = a or c or g or t

<400> 1771

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acaatagcga taaatagaat ttattttata caactnttac cgacatccac acggccacag 60
gggcttccaa aatgggtatt gggggccagga ggctggcctt tggcgtgacg cctaaaaagt 120
gtgaccagac acacaagggc tcccagcagc tgtgccgggc tgccccctcc atggcggtcg 180
ggggaggcaa ggcctggact ctgggccagc tgagactctt ggcctggagg gccagcatgg 240
gatggcaggg gttaagctgg gtgctggctg aggagccagg t 281

```

<210> 1772

<211> 200

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. F01568

<400> 1772

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gtgtgaacac gataccagca cctccaacac cacatagaag ctgaaagagg gggtgagcct 60
ctcaaccctt gtctgggag cttcaagtat ggtgaggcac aacttttatt aaaagagttt 120
acaaacagaa ctattaaaca cacacacaca tacacacaca catatacaca cacaccccaa 180
aaaaagatac actctccacg 200

```

<210> 1773

<211> 237

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. F01831

<400> 1773

gtcagttttac acatacatca tgtaaataatt agaccaaggc aaaaaacggt tagtgcataa 60
accagttttc ttttaagatt tagcattttta ttttagtctc ttatcttagt ttggaccact 120
tgtaccaggt actctaccta ctacagacta ttttaacttac ccaacaaaat caaaagaggt 180
tgctgaccag atttataggg gacataactg tttatattat caaagtgttt gcataac 237

<210> 1774

<211> 237

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. F02028

<400> 1774

aacagtggag taatttttatt cacatagggg tgcgattaaa aggttaactc attcaaacac 60
atTTTTgcta tgctaacatt cctttgctc ttattcttac aaataaaccc ccatcacaga 120
gcagaaatgt tagaaattat atcacaaatg gagcacaata agtattttta aaacctttta 180
aaatatggct tataatttta cacagcaagt tacctattaa tatgtttacat attaaca 237

<210> 1775

<211> 309

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. F02094

<400> 1775

aaagagacag ggtcttgcca tggtgcccag gttggagtgc agtggttatt ctttcacagg 60
tgtgatcatt acacactaca gcccctaaact cctgtactct agtgatcctc ctgccccagc 120
ctcttgagta ggtgggacta taggagtgtg ccaatttcta aaaaggctgt tgaagtgttt 180
tcttgatcta aaagtgtctg tttcattaac tcaatgcaat ttccatttta ttcacatcac 240
ttgtatctc tactctcagc ttgtcaacct aggatggcaa tgacaccagg aaggtaactg 300
tcccaaggg 309

<210> 1776

<211> 298

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. F02245

<400> 1776

gggggtggca gtgcacttta ttaacaaaca aaacagtacc atacaggcaa aatcttactt 60
cagtggcaaa gcacacacat aggtatactc caacgtgtag cactggggca aacttcagac 120
atggaacatt aggcaccaag ttcacaatca cactaaacat agttcacaat ctttcaatcc 180
atactcttca gtggaggatg aggccttatt taacagttaa ctgggacaga cagatgaagt 240
tttaaaatct aattcttggc ctaactgtgg agtggggctg actcagcctt cagaactg 298

<210> 1777

<211> 236

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. F02254

<400> 1777
aaggaaagga actttcaatg agaaatcaaa acacagggaa ccaaagtga aatcatccac 60
cccccatggg gggcccatcc tgaacccac atcatcccct cagccccctt caggccccca 120
gcgcaggccc agggcctgga gcttctgcct caggtagctc ttgagctggg gcaggcctct 180
ctgggactcc agttcctcga agggtagcgg caggagctgg tagcccatca ggccta 236

<210> 1778
<211> 166
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. F02330

<220>
<221> unsure
<222> (1)..(166)
<223> n = a or c or g or t

<400> 1778
aattaaagta aaagaattta agtctttatt tctaaactga tgcattgagga cccagtgag 60
caatattccc caaggcaaat caaccaaaaag caaaactgtt ttgaaaaaaa aaaaaaaaaa 120
anccaacat ttntgnaatt nctgngaag tttatggtn atattt 166

<210> 1779
<211> 298
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. F02345

<220>
<221> unsure
<222> (1)..(298)
<223> n = a or c or g or t

<400> 1779
acaaaaaatt ttgggtatatt attttcatat gcacttctct ataaagagaa tatataactt 60
tcatatgggtt attttaaaaa gattaaaaac taaaataata ttaaagggtt acagggtcatt 120
tatatgtgta cccattagca agtcaccagg caatcctcag aaatgggggg gaagttgaga 180
cccccaatgg cattgttttt tagcatccaa agcacaaaagg gacttgcaag aatcactgag 240
tgaccagagc tctgtagctc acccaacatt cctgtgcaag ggggtcacac cacgnctg 298

<210> 1780
<211> 321
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. F02800

<400> 1780
cagcatccca aatttattct ccagcagctg tggccgggtg ggagaggcta agggaaaagg 60
aggggaggag gagagtccca gagagtggca ggcactgggg agagttgggg tgggtccgag 120
ccagacagga gccatgcacg gcaggcgggc tgcggggaga agtgatggct tcgggatggg 180
gaagtctaga acaaaagctg attgggagcc tctggggaaa gaatcctcca tatatcccag 240
aatccccag agcacagcag cgggacgtac tggaggaggg gggcacgcct cccactcatc 300
tagaactaga gtggaggcgg g 321

<210> 1781
<211> 358
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. F02807

<220>
<221> unsure
<222> (1)..(358)
<223> n = a or c or g or t

<400> 1781
gatacatata tttattatgc tgtaaaaagc aacactacct gattgcattt aaaataaatg 60
tttcccaatt tcagaatact tacaacttgt agttttaaga ttagattcac tttgggaggt 120
tttagaagca aatacattca tagctgtgta atccccagga agaattctaaa tctgacatca 180
ggtcattcag tccctgccag acagacaaca gcatcaaatg gtcaacagct aatccagctc 240
tgcagctaaa gggcagtgtc gggcagcagt ggggtatagc atattaccaa agatgagacc 300
agcaaaaaca acaatgtgta taaagcttta anttaacatg atcatataga gcgctcag 358

<210> 1782
<211> 244
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. F02863

<220>
<221> unsure
<222> (1)..(244)
<223> n = a or c or g or t

<400> 1782
aggaaaaaaa aagagaaacc tttatttaca accatgggag tcccacagga gtacacaaaa 60
cacacaatgt gcacacacac aaaatgaacc ttttaagtca ataccatgcg tgctcctggc 120
cgcgcgccac cctcagtgc cctatccgca ccaccatcac agtgacgtn tcggccgagc 180
cccgntgcac cgccttnttg gccagccttt tgcaggctgc ttcgtagcgg gcgtcggctg 240
cgga 244

<210> 1783
<211> 244
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. F03200

<400> 1783
atgtatttttg aaaagtattt acttagttta aataaattaa ttgcaaataa aaattaagct 60
acaatatata gcctgaataa aaatgactag aacaaatata acacaggact tgctttcttg 120
cattagtcac aaagcatgtg acaatctaga aaacttcaaa atcaattaca tttctttgaa 180
aaaggggtaa cagcagttac tgatacatca caactaataa acttataata caagtttctc 240
gaca 244

<210> 1784
<211> 244
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. F03811

<220>
<221> unsure
<222> (1)..(244)
<223> n = a or c or g or t

<400> 1784
cacatttttag cagttaaact tttattttac tgtttaaaat ttnattttac tttttttggt 60
tttctttttct acaaaaaggca ggngatgatt gtnganctgc aactattgtg ttgtgcactc 120
cccgaagggt ncagagtagg angccaggga aggtgctctg aggatgcttt ctaagggtg 180
caggacactc actggaggga gtgtctgggc ctttctcctg tcctcctcag ccttccctag 240
ctca 244

<210> 1785
<211> 305
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. F03969

<220>
<221> unsure
<222> (1)..(305)
<223> n = a or c or g or t

<400> 1785
gaacttttggg aaaattatatt atttctcccc acgggggttca gacaagtaat ttcacatttc 60
attgtaagtc aagggttaaga aaacattttt tgtacatcca tcactaatag agatcacagt 120
atgtcaatga aatattttaa tacactgtac agagattgct ttttaatgga tttctataag 180
tagtattaat aggaaaaagc atataatata atctactctg tatctaagag ctttaattta 240
ttcaaatatt ggaagaaatt catctnctga attttnttta tttaaaaagc attatgagaa 300
ctgat 305

<210> 1786
<211> 349
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. F04320

<400> 1786
ggtcatttta tttttattac aacttcatta tttacaaaac ccccatcca gatattattca 60
cgtaacaat tctgagataa ctgctgcac acagttgcac aaaggctgat gagttgcaaa 120
tggtcatcag caccatctgc taggcatttg tcaacttcgg caagtttttc tgtgataata 180
gacttctggt tatcagataa gttattttct acaaccacat catggagttg attgacgagc 240
tgagttgctg catgaccctc atctattaaa tccttgacca cagcttctag tttgtcaaaa 300
gagccactct gacaggcagc aaatactcca tcaattttct cagctgggt 349

<210> 1787
<211> 287
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. F04335

<400> 1787

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ccacttcccc aatccctcag ctctaaattt atctggaaat attttgagtt tttcttacag 60
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cttcctctgt gaatccttcc cacattcaag gaggtacgca ggaaaagcct gtggcaggca 180
gtagcccttg atctaggctg ctgagggccg cgtagatcat ctgaagattg tcacctaaat 240
acagctgtta ctaaaccctt gccaaaggga agcagagaag ggacaag 287

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<210> 1788
<211> 249
<212> DNA
<213> Homo sapiens

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<220>
<223> Genbank Accession No. F04444

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```

<400> 1788
aggatttcta ttcattttta ttcattcctc caaagagcac cacaggccaa ccacaccctt 60
gatgtgtcct tcatggttcc ccactgcagt ggacacaaat ccctccctca ttatccaggc 120
atggatggaa ctctgctgtg gtgaggaggt tgtctcgccc actcacccaa gttttccatg 180
cctgttctgc ttttgatggc aatgccaaaa ttcatcatatc atttccttga attcctgcct 240
tcaagggtc 249

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<210> 1789
<211> 224
<212> DNA
<213> Homo sapiens

```

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<220>
<223> Genbank Accession No. F04479

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<220>
<221> unsure
<222> (1)..(224)
<223> n = a or c or g or t

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<400> 1789
gaagtgggtgc aaagtacatt tattttttaca atgaaagctc atctatgaat ctnataaagg 60
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tggtatcggtt ttgtgtccaa gtctgtccct gccaaaagcc atcaaaaagtc tccatcacc 180
ctgggntcca gtctgttacc cccagacttg gcagctggga tctc 224

```

```

<210> 1790
<211> 237
<212> DNA
<213> Homo sapiens

```

```

<220>
<223> Genbank Accession No. F04524

```

```

<400> 1790
acattgtaaa caccacattt atttgtctga ggcttgcaaa cctctggtaa gaagcacaga 60
acgcagggtc ctccctcatg ctgccctggg cccagctcg ccaggcatgc aggacagagc 120
tggcagatga gtcagaaatc tttgggagca gcgccaggga agcagcaggc cctgctcctt 180
cccatgccca atcccgccag cacggggcctg gactgcagcc aggaaggtgg gccagcc 237

```

```

<210> 1791
<211> 222
<212> DNA
<213> Homo sapiens

```

```

<220>
<223> Genbank Accession No. F04531

```

<400> 1791
gaaattgaaa aattaatttta ttatatgaag aaacaggaca atattttatta gcatcaacga 60
ctgcagagaa gcagtcacg aaagctcata tccacaatgc attgactggg aagtactggc 120
acatacactc ataaccatag cactaatgtt ttaaggtggg ttccaaagaa atgctgtatt 180
tgacaatcaa ttttaatatata tatttttccca tttacaaggc tg 222

<210> 1792
<211> 274
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. F04611

<400> 1792
acattttctat agaaatctat tatagatttc tgtaaattga ggcagcatga caattccaga 60
taacttttaga acagagttga ataaatcaca gtaattggac taaaacatta cacagataat 120
tgtgttaattt tagaactttac ttgcatagtt aacactgtat aatactctta taaaatatat 180
gcctacaacg aagttcctgg gaatcattaa gcaagcaaca taattatatt cctgtagtaa 240
ttcagatcaa gtatgtagta caagttatca ttgt 274

<210> 1793
<211> 280
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. F04674

<400> 1793
gtataaaaaat aattttattt actactgtaa ataaagtagt gcaaagagta gtttggaccc 60
acaatattgc attactgatt tattcactac cttagcagca tgtagtatac agacattctg 120
ctcttctctt tcctctctaa cacacacaca cacacacaca cacatatccc 180
tgtacagact cagcgaggca tgaggggtag ggatgaaact ataagctaga ggcttacttg 240
ctgcatattc cggtgctgcc agtctattct aacgtgtaat 280

<210> 1794
<211> 266
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. F04677

<400> 1794
atgggtaatg gtgacacact ttattaattt aaaaacacgc ccttcccaca tagtgcggtga 60
ggcatgtgca cattttccta gaaggacatg aatagtgatg tggaggtacg gtggaggtca 120
ggcatctaca gggtcattcg aggaggaaca gattcaagct ttcggacgat cagtgttttg 180
taaatagcag catcatcaga tctaagacaa cattggacct ggcagggcct tttcttttggg 240
tggcattaat tactccagat tcagac 266

<210> 1795
<211> 313
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. F04944

<220>

<221> unsure
<222> (1)..(313)
<223> n = a or c or g or t

<400> 1795
cattttaatct ctgaaatctg ttcatttttn ccctccattt ataaaaaggg gtcaatttat 60
catttgctct atagctatatt gaattcgaaa aagattccac aaaatttgag ttgcacacag 120
gcgctttctg aagcagatta aacttgctct tgtgacactt cagagcttg actgcagtga 180
cttcaggtgc ttgtaagatt cgtggacctc tgctttgttc agtggggagt tcttagccca 240
ctcaaacaag tttcataca cattcccatc atagcggcca agcacagagc caagtgtcac 300
atcctgaaaa tca 313

<210> 1796
<211> 272
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. F08817

<220>
<221> unsure
<222> (1)..(272)
<223> n = a or c or g or t

<400> 1796
gagtcgaagc atagcttggt taatttttnat acatttntnc ctttttcctt tttttttgtc 60
tttnattgaa tcttttatgg aatccccctt tttnatttn catttttttt ttgcatagg 120
aacaataaaa caaataaatg acagccagag tcactttctg taaatggtagc ttaggtaggc 180
gcgtccgcga aaacaaaaat gactgcgtaa tatacaaggt tatgattggn gtatgatgtg 240
aggggcgggg tgggggtgggg ggagagccgg cg 272

<210> 1797
<211> 313
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. F08876

<220>
<221> unsure
<222> (1)..(313)
<223> n = a or c or g or t

<400> 1797
ccaactcagc agctctatatt acataacagc gtcgcccaca ccccggtgggg cctctnacgg 60
cttcttggtt ttcttcacgg aagatgagct ggaggccgac tcccgtcgct ttctcgaatt 120
gggcgtgagg ggtgcgcccc ccacatcaat gatggtgtcc ttgggggtcag gaccaagtcc 180
gggttcagtc actgcccggc cagcagaggc cgggcctggg cctgatgctg gtgtggcagg 240
gccccctagc acaccagccc gggccagtgc ctcatgacgg tgccgcagca tctgcagctc 300
atactgcgag ttg 313

<210> 1798
<211> 339
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. F08941

<220>
 <221> unsure
 <222> (1)..(339)
 <223> n = a or c or g or t

<400> 1798
 aatagacaga agantttaat acatgtnatg ctttgccctc catttacact atcataaata 60
 acaaagtatt gtccanttca canaataaaa ccatttccag ataatttttt gacagtatca 120
 agangtacat aaactacaac aaacaaatct gtacagttgg gagngggnt aatagcaggg 180
 aagagggtcaa acctccctgt gccaatggng tccatctgca tagcccttgg gactgtccag 240
 gtcaacagtc acacaatgat gctccacgta aaatagtcac tctcttctgc tcaactccaaa 300
 gcaagactgg tgagttttaca caantcatct cantcaaag 339

<210> 1799
 <211> 316
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. F09058

<220>
 <221> unsure
 <222> (1)..(316)
 <223> n = a or c or g or t

<400> 1799
 ggatttcctc gatacaagtt tattagttta ttctccatat acaagtttat tctcccagaa 60
 tagcagcaaa taaaacttga attggatgta cagctcctaa taaccttgat gtcagagttg 120
 tcaattggtt ggaattatta tgatccccc aattaaattt ncttgataaa ctcagcgttg 180
 tttgttttca gtgacaagaa aacatacatg gaaaggggac ccaagacagt tcaccaagat 240
 agttcacagc cctttgcagg atatgccttt ggtgggtggg agcacctaga ttttagagga 300
 ctataaaacg ccatgt 316

<210> 1800
 <211> 259
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. F09297

<220>
 <221> unsure
 <222> (1)..(259)
 <223> n = a or c or g or t

<400> 1800
 gagcaggagt gaaagtatta aaaagcttta gagcaggaat gaaaggaagg aaagtacact 60
 tggaagaggg tcaagcaggg gacttgaggg atcaaagtcg tggtttgacc ttttgacttg 120
 ggggttttata tgttggcata cttctggggg cttgcgttac ttctcccctg attcttcaaa 180
 aagcacctat ttcttaagga tccaaaaaaa taaaaaccaa tttcattgnt gctgtttcca 240
 tttcttggca aaaattagg 259

<210> 1801
 <211> 229
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. F09350

<220>
 <221> unsure
 <222> (1)..(229)
 <223> n = a or c or g or t

<400> 1801
 aaagaacaca tttgctgttt ttattggtgc cttgcatggc agtaatactg aaaanggaga 60
 atgcaaaaaa ataaaataaa ataaacaaaa aacaaaaaacg aaaaacaggt tgggtggcaac 120
 ccacatcttt tttttaagag cacataaact cctgttttat ttttattgtg gcatgaatga 180
 taacataaaa ccaaaancat gaaaatatac aacttatatt acactatgt 229

<210> 1802
 <211> 315
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. F09353

<400> 1802
 acttccttca ctagttacga caaaatttaa gaggaataac aaatacaaat tttctgttaa 60
 gaacggaaag gtgcaaaacta gcagagtcaa tactggtaac cagaaggcac taatccaaac 120
 acataaattt caaaagctgg ttatattatg gaataccata tatactggcc tttgccagtt 180
 tgggatttct gcaatagcaa taagcctcgt ttctgtttcc aattataaca aaaaaaagat 240
 gagttactaa tgaacattcc acttacagaa gtctaggcta tgttgataaa ttgaaaactt 300
 atctagacta ctctg 315

<210> 1803
 <211> 346
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. F09394

<220>
 <221> unsure
 <222> (1)..(346)
 <223> n = a or c or g or t

<400> 1803
 aactatggaa aaccatgttt atttttaata aaggatgaca tttccaatca gtaaaatatac 60
 ataaaagtat aaaaatgtac taagtacaat cattagcatt atgttatagg ggaatagtgg 120
 ttataacttt nccctgtaag atggcacatt ggatggtcac agttggcttg atttacagag 180
 gggcaagagt aggtgaccag ttgtaccagt tgctccagtt tcctaggatt tgggactctg 240
 taaaaatgag aaagtcccag gcaaactggg acgggttggc cctacaagaa aaagagcagc 300
 atcagagtgt tggctatagt ttggaactta ggaacaggat cagaca 346

<210> 1804
 <211> 218
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. F09578

<220>
 <221> unsure
 <222> (1)..(218)
 <223> n = a or c or g or t

<400> 1804
 cttttatccct ttatttcctt cttgaaatcn ctgaggcagt tnanaggagt ggagggaggg 60
 tgggcagggc tggaggatgg gaggnagcac gtctnataga aaacgtcacc gāgacacacc 120
 ccagggccag aggcgaacgc atctaagggg tggctgggca ggagcaccag ggctatgtac 180
 acggtcaggg tcttccctgg ggaggaggca gagggctg 218

<210> 1805

<211> 214

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. F09684

<400> 1805
 gctttacata aacttataag gattttttat ttaaaggatt taaaaatata acacagtcaa 60
 tataaacatg tactgggaat tataaaccat tctttcttct aagcactgga tgagatacta 120
 aaaacataca gtatcttacc aatagccatt aaaataggct aaaatgaaaa agaaaccggt 180
 gtaacaaggt tactaatccc ccaactttca atgc 214

<210> 1806

<211> 296

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. F09687

<400> 1806
 ctctttttaa aacttttatt acgcattgct aaataacatt gcatgatgta ttgcacacat 60
 catgtggtaa acagcactcc acagtaatcc atacaatagc tcgtacaatg accatcaaaa 120
 tagtttgaaa accgttatag ttttcatccg agtgagtgtc tttatattct tccatgcaat 180
 ctgatttcat aattaagatt actcttccat tctacaacaa ccaaccgaaa ataatttttt 240
 ataaaagccc aaccacaaca aaaggtcatt gggacattac gaaaagtcgg aaatta 296

<210> 1807

<211> 337

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. F09729

<400> 1807
 cttcaagggg tccattcctt taagacaatt ttggatttct ttaaaaaatc tattttatatt 60
 gctatattag atggctaacc caaaattggt tcttgggtta ttgagtaata agtatgggtt 120
 aaatggccta aatactacat attttaaaag ccttgatgct ggcagagctg cactgaggat 180
 ctgtgttttt aagaagtgcc tgggtcgggt aagggtgaaat tctaaactgg aggacacatt 240
 agtcagttta tctctctaaa cttgttcac caaaataggc tttttaataa acaattttagc 300
 ttatacttca aattaataat cccccacac acattct 337

<210> 1808

<211> 267

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. F09788

<220>

<221> unsure
 <222> (1)..(267)
 <223> n = a or c or g or t

<400> 1808
 aaggcttctg gtagggacat tttatttttt ggtaaagcca caatagatag aaatgccata 60
 aaaacaaaca tgtaaacaag gtatcagaac tttgggttcac tgaaacatct cacacctaaa 120
 acacctgngg tacaaaggca ccttgctagg cgctagacag ctaactctgc tgcagccact 180
 ttgatcctag ccttggggcc agggatggca caggctgaat ggaagggctg ggacttcagt 240
 cacacaggag tcgccctagt atggtct 267

<210> 1809
 <211> 344
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. F09979

<400> 1809
 aaattgaaat ccacatttat tgatgagaga tatatacaca aaagttaaaa cacttagtga 60
 aatattggat tcacagggtta tttccagtat ataaagaata tccagttatt ttacacgtga 120
 aatgtttacag taatcagtcac acattgtaag aaagcttaga aagctaaagg cgaaaacaaa 180
 agacctcaac tacccaaaat gtgcttcatc aacaaggcat tttctagtag catatatgag 240
 aaacaattca aaaattagtt gaagatttta tctttttgca ttcattagtc tttaaacact 300
 atgtgctata gatgctctgt gctacgtgac ttcagaccaa tggg 344

<210> 1810
 <211> 335
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. F10149

<400> 1810
 gtatacaaat gttttagtag actttatttca taataatccc acgctggaaa taacacaaat 60
 attcatcagc aaatacataa accaactgtg gtatattaca atgaaatact attcagcaat 120
 gaaaacaaaa agctacagac acaggcaaca gcaaatatct ctaaacatgt taagctaaag 180
 aaactaaaca caagagtata tactatctga tttaatttat atgaaattct aaatcaggga 240
 agaaaactaa ccttccagta acagaagggt gatcagtggt gacctagggc tgggggagaat 300
 gactgcaaac ggagaggaaa tttatttctgg taaga 335

<210> 1811
 <211> 286
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. F10161

<220>
 <221> unsure
 <222> (1)..(286)
 <223> n = a or c or g or t

<400> 1811
 aacacaataa caatttttat ttcaaaaatt aagttcacac attatcttaa gagaatttta 60
 aaatttactg catttttattg cacttattac ataaatatac agttggcaaa acaatttact 120
 actaaaattc agattctctc tcagtataac gcaaagtatt actctganca cctacttcag 180
 gcatcactca gtaagtcaac cactaaaagc ctctctgctc agattttcct ggtgcactct 240

ttattttctct tctcttttcat gtagaagtct atgaataatg cccacc

286

<210> 1812
<211> 266
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. F10182

<220>
<221> unsure
<222> (1)..(266)
<223> n = a or c or g or t

<400> 1812
aatcaaaacc atctttatta tttaaagagc atcccgatcat cagggggcacc tagacaggag 60
tcccagacag cagaacaata tttacatggg ggtcaggagg tgagggtggg tgggtctcggg 120
gctgagtggg cccgccaactn tggaagagag gaccctggag ggaggggtgtc cttggacctg 180
tggaccggggc ccaagaagaa aaacgtccca tcctaggccc agcgtggatc ccaccaccgg 240
gntcacctcg ggccctggag gctgcg 266

<210> 1813
<211> 226
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. F10199

<220>
<221> unsure
<222> (1)..(226)
<223> n = a or c or g or t

<400> 1813
acagttccgc tcagatatatt tatttgnntt tgtcttttnc tttttttggg ggggggaagg 60
ggacaggttg gaaggagagc agaaaaacaa aatcaaagag gagaaaaaaa acatgnnttct 120
nccccacctc caccacctct ggccccaggc ctgagtcaat gagggtgagg atgagcacac 180
acagcggggc aacagcaata acttagggga ggagcgccag gagaac 226

<210> 1814
<211> 263
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. F10276

<220>
<221> unsure
<222> (1)..(263)
<223> n = a or c or g or t

<400> 1814
gacaatgtca taggcacgtc tcacgcagag attgagcttc tgcataaggt aagccacagt 60
cacagtgact gancggctaa tgccagccaa gcaatgtacc aagacaccac agttcttgcc 120
ccgggcttca tctatgaaag aaatggcctc agggaaaaaac tgggacagggt tttggctcca 180
gtgatccgag atggggattt gcttgatattt aaactctcct gcgttctcaa agagattcgg 240
caaattgggg gtgacgttca aga 263

<210> 1815
<211> 277
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. F10290

<220>
<221> unsure
<222> (1)..(277)
<223> n = a or c or g or t

<400> 1815
gagacagagt ctgcgtctgc tgttaatttt tgtattttta gtagagatgg ggtttcacca 60
tgttggtcag gctgggtctcg aactcctggc ttcatgatcc atctggcttg gcctcccaaa 120
gtgctgggat tacaggcgtg ancaccgtga ccagctgaac caagtctttt taaagtaact 180
tctgcccaat cttgggcaga gtttctgagc aaatctgtgc tggtagatcg cgaaacagca 240
gccctgggtc tcttggtggt ccggtgtgtg gtgggggt 277

<210> 1816
<211> 229
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. F10380

<400> 1816
gaagcatgtt ttgagacaag ttttatttga aacaaaaggc ttatttgaag aaattttcat 60
ttgctacaaa aactatttgt agacattctg gagatactca tatatgggca aaagaaatta 120
gagcaggcat gcaacagagc agaaaggatg ctttatttgc aaaaggggtg tgaaacatct 180
aaaaagttga cattgtatat gggtacaaaag taaagagtac tcttgtgag 229

<210> 1817
<211> 336
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. F10381

<400> 1817
caatacaatt gttttatttga acacacatat gtacacagga acattcagca cacatagagt 60
ctattaagtg gaatcattaa gaaatgtctg gagaggcaga cattttaatt cactcgctgt 120
acacagggag ttcaatcatc acattttcat acagggtgtca cgtcatgtca tcttttgctt 180
gtaaattacc aatgaagcca catatgtctc tacatatata aggacaggtc caaatacagt 240
gccagtgaat tcaataaaac attaaagggtg tacgctggga tgacaatgca gagtttacct 300
cagtgtctgag aaatctaagc tgggatgaag tttggg 336

<210> 1818
<211> 316
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. F10418

<220>
<221> unsure
<222> (1)..(316)

<223> n = a or c or g or t

<400> 1818

```
cttctctttt tatgtttatg acttcctaag gcacactcag ccttgatgag ataaataaat 60
cctgtcctat gagacaagcc ccaggggttg tcagaaataa acagagcttc taggtgagaa 120
ggagcaagct aaaagaacaa atcaggaagt cccagtgaac taggaacttc gtgtgtgttt 180
gtaacggcag aaatggaatc aatttcagaa tttcccagga agcattatgc taagnttcat 240
acgcccgggt tctaaatcta atattctaca tctctatta atgctttcca ttataaacta 300
aataccattt tagttt 316
```

<210> 1819

<211> 223

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. F10453

<400> 1819

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gggattttca agatgtttta ttgactatct aatttgaatc tacttacaaa gagaagaaaa 60
atgtctagta tgtaaagcaa tgaatgaaat aaatgtttat cctaagtcatt tattgagtac 120
aaatccacag cttaacaatg tgtttttaac agcaggagag catgcaactg ctctaacaca 180
cagggtcaga aataaaaagggt aaaagtacat ttgttttgta act 223
```

<210> 1820

<211> 287

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. F10466

<400> 1820

```
aacgtaaaca caaagtctca tttatttttg tctgaagcac acaggagctc actcagcaca 60
ataacagtaa gcgaatcata caaatattga gaaaaaatgt tcctatgaat acatacatgt 120
atattcttaa gagtagcgat caggagttaa acaacaaatg taaagtgggt ttctctaaag 180
aatgctttct gacaggcttt tgggttgga atggacaggt aaatcactgt cacataacag 240
gtaagctaag aataacttct gttacccaag tcatttgaac cctgtgg 287
```

<210> 1821

<211> 284

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. F10640

<220>

<221> unsure

<222> (1)..(284)

<223> n = a or c or g or t

<400> 1821

```
agtggcaaa tagtttattt atnatgtttc cttaaaggag attaagactc gactccnctc 60
ccanccgggg cagcccggna actcagcgcc cccctccagt ggtgccaga gcctcccagc 120
gccatgtcca tctctnttcc tcttggcatc cattgtggca ctcagcccac ctctgcctca 180
tttcatgatt gtttgctttt gtagtttaga aacagctgcg gcaagcattt aggtaaaggc 240
ctcaagcaga caacctacag ggtgctccgt gtcagtgcag gtgc 284
```

<210> 1822

<211> 315

<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. F10741

<220>
<221> unsure
<222> (1)..(315)
<223> n = a or c or g or t

<400> 1822
agcaaatcct agcacattat taacaaaaaa atctgtacat ttnccatgat acacttgaaa 60
gtgaaacaaa taagatataa atacagatat ggatgtaaca tgaaaaagcc ccccccccaa 120
aaaaacccaa aaaacaaaaa aaccacacca acctgggggt gtggggacca tgcgtgtgaa 180
cacagtgcc aacataactat tttggtggct gatatttttt cagagcactt ctttatttcc 240
aaacattatt gttagcaaag tcctggtggg attctacaaa gttcttattt gctgtccttt 300
aaagtgtaac attac 315

<210> 1823
<211> 243
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. F10874

<220>
<221> unsure
<222> (1)..(243)
<223> n = a or c or g or t

<400> 1823
ccagacagga aatggcactt taatagttgg ggccagggtg acaggaccaa gatggggctg 60
gcctgtntca gtnaggaagc ctccctcttc tgctgggaca gggccttgcg gcantcctcc 120
tccccgcctg aggtcctagg cctgccacag gcagcatgcc ggtnagggtca gtggcaggag 180
ccaccagaa gccccgcaga tgacggagct gagaacaggg acttcacctc cacgtgttgc 240
cat 243

<210> 1824
<211> 316
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. F10875

<220>
<221> unsure
<222> (1)..(316)
<223> n = a or c or g or t

<400> 1824
aacatcaatg cttcattctc tgagtgtat ttattgtctc aatcttcatt gcttaaagtc 60
aggaaacaa aaacacattc atatttgttg caaaacatct acctactcat gacatggcaa 120
atagtcatct tacaataaca atacagtaca atatgatcgt nctactttca tggctaggaa 180
tgaagttgtt gggtttctct ttcagagcta ccctaaagg cattcacttt atattctctg 240
aagagaacca gctaaccagg cggaacatcc actaagaatc ttccacataa ccagacccca 300
ggagcttgcc tattgc 316

<210> 1825

<211> 286
<212> DNA
<213> Homo sapiens

<220>

<223> Genbank Accession No. F13624

<400> 1825

```
tttttttttt ttttgtttca caaaaagatg tatttttcatt catgagtatt tacatttttc 60
atatttgttt aaagaatatc atataactga taccttctga aatgtttcat gctttttaac 120
tcttctattt acacttatct gacatggaat taaaactaaa atggtcaaat acatgataat 180
agaaagcaac cagccaacat agctaggtct tctcttaaat ttgctgatca acattagcag 240
tagttacctt aataataaat tattcattta aatcagtagt aacttt 286
```

<210> 1826

<211> 243

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. F13702

<400> 1826

```
tttttttttt gcttgacaaa actggacatc tggatgtcct ccagtctact tatatactca 60
cagagagaat aagtttaaat attaaagaga aaacacaaag atacttgga taaatgtgca 120
tttaaaaccc tgactaaaat atcaacataa tgatcataat tacaatggta ataaaaataa 180
ttagtacaat aatattactt tatgagcagc atggaaattt cattcctgat ctggaagaat 240
aaa 243
```

<210> 1827

<211> 287

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. F13782

<400> 1827

```
tttttttttt ggtcattaac acagtttatt attggcacac ttatcagtaa agcatacata 60
aaatacagct gttttttaac acacggagcc actgtgcctt tacatgtgtg gaggaacata 120
ttaatatgca aatggaaaaa ttaattctct tataaagttt cacataaata cactggagtt 180
gcccaaaaac gaaaagtccc ataaaagaac caggtgagag ctttacaaaa tatcatataa 240
gaaatatact ataaaaagaa ggatggtcac tcaggtacaa ttagaaa 287
```

<210> 1828

<211> 269

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. F13809

<400> 1828

```
tttttttttt gaaaatgtcc taaaatgtgc atttttattcc atatcattat acaatgttta 60
catatagtta aaacttcctt ccaaaggaaa accggtcctt taccaggtt ggtatgggtg 120
gtggtctaaa tctttaacat gaagggactg aaaagagtgg aaatccacac tgattgttat 180
cctacagatt gtcatgagct gcacgtgtcg caatcagaag gaatggaagt ctcggaagag 240
cagcgtgctt acagaccttg gcttttagtg 269
```

<210> 1829

<211> 318

<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. H00540

<220>
<221> unsure
<222> (1)..(318)
<223> n = a or c or g or t

<400> 1829
gcaatttgta aattctggtg aatactcaaa attgtagcta aaaacagcta tctgaatata 60
ggtttaaaac ctcaaagaca cagagctaag aaatatggaa tacattgtat attgcttttt 120
caatagagta gacataaaat tgatgacaaa tgtttcctaaa ccctcaataa gaactcaaaa 180
catcatacta tgccaagctg aattacagaa gggtatctaa ggaaagaagg acagtggcat 240
cagttatctc taggataaag gggccagtaa aatcaagttg gcatttgatg tatacatctt 300
attggggngt ggttttttc 318

<210> 1830
<211> 238
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. H01059

<220>
<221> unsure
<222> (1)..(229)
<223> n = a or c or g or t

<400> 1830
agcaatacat gtttatcata gaaattttaag aacctaagta atacaaagaa agtaaggatt 60
accttttaatt aagaacctaa gtaatacaaaa gaaagtaagg attaccttta atcaataaac 120
aaagataaac ttttgagggg agcatatacc attccagtc ctangtaagg ttttaatat 180
cagattccag aattctgatc aatcaatggc tatgtttcac acttctttta attaaaaa 238

<210> 1831
<211> 378
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. H02848

<220>
<221> unsure
<222> (1)..(378)
<223> n = a or c or g or t

<400> 1831
ggatnagant ttanaggcaa gacattttatt cactcatgat atatcagtc aaagtgtgcc 60
tacagtatac aaggtaaact cacaactcat caaaactaaa actttttaca atgtgcaata 120
catgtaggga tattaattca atatataaat gtcacatgtc tcccaaagt caccaggct 180
ttctgttatt tcttaaaata tacaagtcaa tattaccaga gaaaagataa gaaaatccca 240
ttattttatc ctaaacttat gtatacttct ctaaagattc ttagggcttg taagcaatga 300
ggtttaaggc natttttttag gatgttagca tcccggggct gacttngccg ggctgtggga 360
acccaggn cggagtgg 378

<210> 1832

<211> 408
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. H02855

<220>
<221> unsure
<222> (1)..(408)
<223> n = a or c or g or t

<400> 1832
ttttttaatt ttcaaangac tgttgatgtc actgtggttt attaggtaaa tacaaagtat 60
aggctcttgc atttttttaa aagcaaaacc aaagagatta gaaaccaagt acacatatcc 120
tctttagaag agaaacataa atcagtttta acaattaggc acttaaaaaat gtaaagttaa 180
gacaacatta tagaagtata aactatagtt acactcctaa attcctcctg aaatgtttac 240
aaacacaaaa tcacaagcat ggaaaacaaa tttcctcttt atcaaaaaag gaacctgaat 300
ttgaatccca tgtgataaac cnatgattaa ggtactgggt gggtagggga aaaagggcctt 360
ctggaaatth tacntattht ntttaaaatg ttaggcttht cntaaaac 408

<210> 1833
<211> 385
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. H03348

<220>
<221> unsure
<222> (1)..(385)
<223> n = a or c or g or t

<400> 1833
atagaaaaac atgtatatat acatatctat atatatttaa ggngcacccc ttccccatt 60
tgagtatgat tactcaatgg gaagcagtaa tacaaatgga aaaatcttcc ctcttatatt 120
gaggaaagaa gataaaataa gattaagcca tgttttagcac tgagtatttt aacacatggg 180
ttttttgttt gtttgtttgt tttgtaataa catactttag attacaatac ccaaaattct 240
aaggtcctaa tgттаатgat agtatctcaa tgtccatttn cggttttgtt caacatgatt 300
ttctcctttt gcctctgtgt cacacgtagt ctttcccgtt gggaagggtgc aggttttttg 360
atagggcctt ggngtttggt taaga 385

<210> 1834
<211> 410
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. H03629

<220>
<221> unsure
<222> (1)..(410)
<223> n = a or c or g or t

<400> 1834
ctcataaaca annantttat taaantacat gttacataaa agaacatata aatggaccat 60
taaatacatt cagttttatt taaacaaatt tacatagata cttattttaca tttctccatt 120
gtattcttaa attatttttc caagcttact accgataaan ggtaatacaa tgatcatctg 180
ctcacacaga tgcatagaga agttgtccac agggctnagt aaagcaccac ttcccagggt 240

nacacngctt attagatctt ccagcaacaa ctcatgctga aggtgctctc ttctgaggca 300
gcccttgagg gtgaggcttt tgcttttagga ggttgctggg gggttgggtt ctgaggggagc 360
tgaccggggg cagcggatgg ggtccttgct gntttgaccc gacttgggac 410

<210> 1835
<211> 414
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. H03945

<220>
<221> unsure
<222> (1)..(414)
<223> n = a or c or g or t

<400> 1835
nnnantntca gacatttatt actcaaaatg gaaagaggtg agtatggggg atgggggtaca 60
tatggggagcc ngggtttggg gagtcagcnc tntacagtga ggatcatcagg tccntgtggg 120
agccttcact ggggacaaca cagaagcccc atttcaggcc cagatcccaa tccctcctca 180
agtaggggac agcagagtat aggaagcaaa gtggggagcc cttctaggag ccaatggagg 240
tccnggaagg aagtgggaag ggacccagaa aaaggagagt gaaggggtttg aggtgggaag 300
gatggnntag gagaccactc ggaacantnt ttaattaaag aaatgggagc tagggagaga 360
cgattcttta aagccagggg ntacagagac acagggagag aggctcaggc caag 414

<210> 1836
<211> 391
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. H04142

<220>
<221> unsure
<222> (1)..(391)
<223> n = a or c or g or t

<400> 1836
gagtgaagccc annagtttat tcaatactag gantaagccg gtataaaata cattttttaga 60
aanttcactt ggagataaaa aatnttgtcc ccactcctcc cccaatccca cacatctgtg 120
ctnttctgcc tgagtttaatt cagctttgct gaggcctcct gcaagagctt gagcaggggg 180
tcgtcagccc tgaggggaaa ggggtgagcgt gcgctgctgg gtagtgccta gggtcacact 240
ccaagtcttc gatcacctca gccagcaggt gggggccggt ccacgcctga gccggggggc 300
ttcgaagccc agggggcggtt gaagtgcaca tgcaggtggt agtagggagg gcaggtagtt 360
ncaggtntac tttcgcagat ggggtttccct t 391

<210> 1837
<211> 389
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. H04242

<220>
<221> unsure
<222> (1)..(389)
<223> n = a or c or g or t

<400> 1837
ggaactttaa gttctctttt gccttgatgg cttctcagag acatctttaa acacctgatg 60
aaggatatga agagagacta gagatttaga aaggaccaag gtcctctgat aatatgagcc 120
agttgtaagg taccttcagt gccggtcatt ccctctccac aggaacaggt ggtatgatac 180
gagggcacca caggaggcct ctgtggtact agcccctatt ggtacatgga ttaaaccact 240
ggttgcatga tggggagggg tgggggggatt aaggatggag ggactaaatt caagatatta 300
acaaagganc aaagaaacag ggcctgatgg gaggcagagg atagaacaga ctttaccagt 360
ggggaataaa gatncatacc catttacia 389

<210> 1838

<211> 325

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. H04649

<400> 1838
gcatatacca tcattgccac tataatagag atagaagata cattaagaaa attcagtttg 60
tatcaataaa acagatcaac acagaacaag gaaacaccat agatatattgt aaatgagatc 120
ttctcttttg ctactgtgta tatatattcc tttatattta taaaaactca caacacatga 180
catttcatat ttcatatgcc actgagaaga ggtgtcagta tacagaacat aggaagaaga 240
aaaaagcatg agaacatctg cttagttagg aatctgatga ggagagacgt gagagctatt 300
gttcctctct ctgctcaggc cctat 325

<210> 1839

<211> 301

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. H04753

<220>

<221> unsure

<222> (1)..(301)

<223> n = a or c or g or t

<400> 1839
caaattttat ttgtttgtag atgacatgac cttctgtaaa gaaaatcaca aagagtcagc 60
caaaatgcaa ctggaactaa caaacacatt cagtttattt gcagaataga ntaacagcac 120
caaaaattag ttgaatttcc atacattaac aataaataat tttaaaagaa aattaaaaac 180
caattccatt tgctaaagaa cttaaagtaa gaantattta ggantaaaca taaaangtga 240
ggtttgtacc ttgaaatcta taaacattga tcaantgat taaaaacatg tataattaga 300
t 301

<210> 1840

<211> 505

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. H04793

<220>

<221> unsure

<222> (1)..(505)

<223> n = a or c or g or t

<400> 1840

tttttttttt tcttggnctc ataaaacttt taaattccat cacattacat tcacaccttt 60

```

tgctaaccag gatgaagagc cttaaacagg tttaaagagt gcagactgca gttttgttaa 120
tacttttttc ctctccaagt tcttttatgc taacatttcc agtgggtggga agtacaagta 180
ctattagtca tcttcattct ttgcattgcc aaagagttcc tctttctccg tcttgctctg 240
aaggatgaac aaaagcttga ggtgtacgta tcagaacgta aactgcaggc acggaggacc 300
accaacgttc acccaggact gtatccacct ttcgccatac gtgtcggcat tccaggataa 360
cgccttgggt aaaggcattt tgtgttcttg agtangtagt acagctcggc ctgtgggtag 420
ggtgttgacg acacgggttc atcttcccta gggcaagttg ggataaaggt tncagtttc 480
tttttttggg tccccntcct ttttc
505

```

<210> 1841
 <211> 454
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. H04799

<220>
 <221> unsure
 <222> (1)..(454)
 <223> n = a or c or g or t

```

<400> 1841
tttttttttt tttttcattt gttattttct tttatttgtg aatatgtgtg gggttgggag 60
actgggtgct agacatgagc tgagggtccag gctaggcaca gggagctgac agctgcagga 120
catgctaatt ggtctgggaa ggcctttgga atctagggaa ttggctttct gagctgaggc 180
gggtccaggc aaggaggcaa caggctgcag gaatcacaaa gggaccgggg acctccatgt 240
acccaatata taggtctcat cagtcggaga aacattctca gctcttgggt gaccttgtcc 300
tccctcaaca cggtaacttca ctgcatatgg gacttcattt gacaattgcc acaaaggctt 360
tgggcttcag aggcactttt aagggatatt aacagtaggg aaaggggagg cttgggggga 420
gnccagagag ttcaccacaca caaagcccca cact
454

```

<210> 1842
 <211> 484
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. H04854

<220>
 <221> unsure
 <222> (1)..(484)
 <223> n = a or c or g or t

```

<400> 1842
cttactagac cagaaaagaa cttattccag ataagctttg aatatcaatt cttacataaa 60
ctttaggcaa acagggaata gtctagtcac caaaggacca ttctcttgcc aatgctgcat 120
tccttttgca cttttggatt ccatatttat cccaaatgct gttgggcacc cctagaaata 180
ccttgatgtt ttttctatatt atatgcctgc ctttgggtact taattttaca aatgctgtaa 240
tataaagcat atcaagttta tgtgatacgt atcattgcaa gagaatttgt ttcaagattt 300
ttttttaatg ttccagaaga tggccaatag aggaacattc aaggggaaat gggggaaaca 360
taatttagga ggaacaagga acaaaccatg ttctncaaat ttttttttaa aaaaaattaa 420
tgggttttaa atatatggnt ttggggacgt tcctggcccc gggtaaccaa gggactgtgg 480
atth
484

```

<210> 1843
 <211> 417
 <212> DNA
 <213> Homo sapiens

<220>

<223> Genbank Accession No. H05072

<400> 1843

```
tttttttttt ttgagatgga gttttgctct tgttgcccag gctagagagc aatgggtgcaa 60
tctcggctga ctgcaacctc cgtctccggg gttcaagcaa ttcttctgct tcagcctcct 120
gaacagctgg gattacaggc gtgcgccatc atgccagct aattttgtat ttttagtaga 180
gatgggttta tacattttta aagaatggac aatgatgcag atgatttggt agcattttga 240
tgagaaagtg gtgattagaa ggatacagca taaatttaat tgtaaacaatg cttatctagc 300
taacctaatc tgtttctgta gaattactgg tcatgggaga ttggatagat gcctaacctc 360
tctcaatttt aagtaatgtg agcaagtctt taagggtatac ataatgataa aatggag 417
```

<210> 1844

<211> 372

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. H05084

<220>

<221> unsure

<222> (1)..(372)

<223> n = a or c or g or t

<400> 1844

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tttttttttt ttcacagtga gcattaaatt attattccat acagccctgg ccctggccct 60
tcttgaggga gtgggggttn tggggntgct ccagcaggga tcttgccaga tgatgtccac 120
atgagaaggc aggtgtccaa cagcttcagc ttcacccagt gccccccaga caaataatga 180
caagtccagg gtcttctgat gtgtcaggcc agcactcccc ttgctgatgg gaaaaccggg 240
gctcggccag cccactgca tcccctcaca tgatgatacg aggctctngc actgactcgc 300
caatagactt gtggggcagc angctggctc cgttgaggta ggagctcatc attaactatt 360
gacgtcctnc ac 372
```

<210> 1845

<211> 294

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. H05394

<400> 1845

```
tttttttttt agattaaaaa atgcctttat ttttaaaatg tggcttaact acatgcaatg 60
tactgagcca gttttggaat ccaccctgta tcagagtaaa actggaccaaa aggaagtga 120
gtcagggctc ctggctgtca ctctccagc aactcaatct acagagcatt tcttcagctg 180
ttttttgtga cgtgtggtga ttcgttttgg attcctctgt atgacagaca ggtccgacct 240
tgaggaagac cggtagccca cgtcttctgc ttttatgggg ttaatgatat gggc 294
```

<210> 1846

<211> 302

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. H05525

<220>

<221> unsure

<222> (1)..(302)

<223> n = a or c or g or t

<400> 1846
 ttcattccctt gaggagttaa ttaggcgacc ttggtctaca ctctcaggag aggagtgcac 60
 cagaaataaa gccggtgcc tggagtccac ctggagccag gcgcggggct gncacttagg 120
 ttggcagcag cccgttagcg cgcantncca gcagcgggga cagcmttag ccaggcgncn 180
 agcgtncgtc tccgaggtga ggctccagag ccacgcgnag acggcgccgg gntccaacag 240
 caccttccag agcagcgaca ccccaggaag aggagcngca tncagcagcg nctttatngc 300
 ca 302

<210> 1847
 <211> 353
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. H05625

<220>
 <221> unsure
 <222> (1)..(353)
 <223> n = a or c or g or t

<400> 1847
 tttttttttt tttttttttt gcttcacaaa tgtcaatttt attgacacta gtgcacaact 60
 aaatacaata attgcaaagg aagtgggaacg tgttcaaaca gaaatggtga caatgagtta 120
 gaactgcagt tntttcaagg tactacacta ttatttaaaa aaaaaatcac aaanagaaaa 180
 atgtttatcac tacaagtagg gatttaggaa gngagnaaat tctgggcagt ctgtctagna 240
 gggttaaaac atttcatggc atttgtgagt tgctgttggg gagttgtttt ttatttgtcc 300
 accgtaatct gggcaacatc cgggggctta ctttcagctc tcggcactgt gcg 353

<210> 1848
 <211> 501
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. H05704

<220>
 <221> unsure
 <222> (1)..(501)
 <223> n = a or c or g or t

<400> 1848
 tttttttttt cttctgtagt cgtctttatt tagagcagaa ttcagactca gctggtatcc 60
 cccagggcaa ccccaggatg ggganagggc tggctgtgcc ccacccactt ctccaggatc 120
 ctccagccc ccaggctgnc ttttccttcc aactgtcagc tgcttagctg ctcatctggg 180
 gattggagct ggagcatctg tcaaggttgt ctcttgaca aacagcttcc tctttggaaa 240
 tggcttcaact caggtcctgc aggtcatcga gcaggacaga gagggacccg ggggaagggaag 300
 acagcagatg agcaccagac aagggaaggt gctcgtggtt acagagggaa acagggttgg 360
 gcacagggaa atgaggggaat ggggagagag ggaggctctt tgggtccaag ctggggcatc 420
 ncttaaaaga ggtttaaggg tntcgaagga ccncagagaa caacattctt cntgcgagat 480
 ttttaagagg gagttttctn a 501

<210> 1849
 <211> 495
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. H05970

<220>
 <221> unsure
 <222> (1)..(495)
 <223> n = a or c or g or t

<400> 1849
 tttttttttt ttttggtttt aatctattat ttacatattt gtaaactgct gttaaaatgc 60
 tctcaaaaat gttatttagg aaggcacaat ttggtagcat caatttttta tttatagttt 120
 tttctaaaca agatccgaag aaacttccac ttttaattttc cccttgaggat acttaaagta 180
 cttcaagggtt caatgtcaaa tgcagataaa accccttcat tttcaaaactt actaagtgtt 240
 aacaatacat ttgatagtga gcagantatg aaagtacaga tggtatcaaa agaggaaatt 300
 cttatgatac taggttcaga gnttaaagan tttgnaacaa ggggctttca tgactggggg 360
 gaaaatccaa agcttttctt ggaaggggag tggggctttt aatactcggg gctattaatt 420
 aaatgcngga attgagntaa cntagttatc ccggaccttc naaaaggcac cgcntaatac 480
 agctattgct ttnta 495

<210> 1850
 <211> 360
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. H05974

<220>
 <221> unsure
 <222> (1)..(360)
 <223> n = a or c or g or t

<400> 1850
 ttttttttta aatcgaggct tttattttaca tcataggaca agaaaaggat acaaaagaag 60
 tctcttggtc aagcacatca agcgaaantc taaaactcaa tactcagtaa ggtntgggca 120
 ctgatattga aaaaaagaaa aaaaaagaaa gaaaaggtaa aaaggtaatc tgtgacacaa 180
 tccaaatgct tacactccag ggnttgagta aggggaaacc cagggcagcc ctgccacagg 240
 ggaatgacgg ctacaggttga gtgacatctg aggattcatc ttctgtacct gtgaacctga 300
 ctcccagggc aacccttagg ggggttttgac ttttgacat tagtgagttt aattctttta 360

<210> 1851
 <211> 407
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. H05985

<220>
 <221> unsure
 <222> (1)..(407)
 <223> n = a or c or g or t

<400> 1851
 tttttttttt tttcaaaaag tcaaacttta ttcagtgtta tggtagaaat ttgaaattct 60
 taggnaagct atgaataaat ccttgggcag gtgcaggcat acagattctg ggggtgcagct 120
 gctgagttta aaagcttcct ttggagatgc cccctggccc cctcaccctt tgtccgctg 180
 tcaagaggag gccatccttg gcagcacgtt aggggcaaat ggcccagatg cccagctgag 240
 ggcaaaccct catgcctaga ggaggaggct gcctctggga gcaggaggac ctgctgggaa 300
 cccctgcttc acaggctcct tttcttctc tccagcacct cctgcagggc agggcacaac 360
 gccccagcag cagtgcagc agggcccttc agcagcaggg ttttgct 407

<210> 1852
<211> 211
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. H06063

<220>
<221> unsure
<222> (1)..(211)
<223> n = a or c or g or t

<400> 1852
tttttttttt gaactgttaa aaaatttatt aaaatgtcca agaagtacat taatgtccac 60
agtgtcagat accacagacc cacagaacac tgcagctcac agcaaaacca gcaggaccca 120
aagccgttca cactgnacaca cactcatatg cgtgccacga catggcncac gcagcacaca 180
cacgacacat ccaaaagggg gagttcatca a 211

<210> 1853
<211> 405
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. H06144

<220>
<221> unsure
<222> (1)..(405)
<223> n = a or c or g or t

<400> 1853
tttttttttt tttttaatat tgctgagaat gtagggtaag ggacactccc atgcactgca 60
ggtagtnttc aggctggtaa cactgttgga aggatgattt gatcacaact taaaatgaag 120
gtagcctatg atccactctt agacttcttg aaattcttca aatcaggcaa gcctagggtg 180
actggaaaaa cagcaatgat gtaaaccaaa caacgtaata ataataaaaa aaatcttttt 240
aagaacagtg tttcttcccg ggacatagtt cagagctttc ctctccagct cactttctct 300
gggagaagcc ataactgtgg gtgggggttc ncaccgggga agggcaggct gacctggggg 360
accacgggtg cttcgccatg ggtgacatgc ccacgtgggt atggg 405

<210> 1854
<211> 375
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. H06166

<220>
<221> unsure
<222> (1)..(375)
<223> n = a or c or g or t

<400> 1854
tttttttttt nttttttttt ttttttagcca aagaaaacag aagctcttta tgccaaatca 60
caaggacaga caggggaatg tgggggatgg acaggaggga gggcctgggc aggctgcctg 120
ccttttgga ccttgtccag gcgagtccc ggacccatcc agngctctt agttcgttca 180
gtcaattcct tgacatttga tgtgcctggc tcagaactgg gtgctgggga catctagggtg 240
cataaagcca ggttgcatte tgacaggaga gagtcaagcc aaccggccag ggacaggcct 300
gctgctttat tcacagattt agatgtcggt ccatctgctc tcgaagtttg aatttctgga 360

tcttttctga aaatg

375

<210> 1855

<211> 433

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. H06935

<400> 1855

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tttttttttt tatagtataa aattttttatt tgataatcat tttgtgacta ttctgttcag 60
taatatgcag aaagacattc tgaaatctgt taatctctaa acattttaac gtttagcttg 120
catacttgaa agaaactggc tagctgcagt ttacattcca ttgtaagcag gtccctctcc 180
accttcaggt accaccagc taatattctg acttgggatc tttaatatca catgttttac 240
aatgtacaca gttctgaggc atttatctgt aaccgaaatc catcaccttg ttccacaggg 300
tacaaattca taaactcctg gcagggacag gaatcgctgg ctcgggggccc attcatatat 360
cggacagatt tctattttac agggatatac ggtcatccct taagggttaa ggtgtggccg 420
gtggggggca tgt 433
```

<210> 1856

<211> 359

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. H07873

<220>

<221> unsure

<222> (1) .. (359)

<223> n = a or c or g or t

<400> 1856

```
tttttttttt tttttttttt tttttttaat ggggcaacgt ttttatttct gtacatttac 60
atacaaattt tcccaaagg tacaacagat gcgacaccat gcagacacgc agctgtgaac 120
gacagttcag gaactcagcg taagttgttn gctatgaacg agcaccgtca gagaattccc 180
accacacggy tacaggaaac acagttttta tattacaacc tcaagggnca gggaggggaag 240
tnttcgccgc taggacatga cacaccatac tgctttttcca aaacacacggy gttcatgaaa 300
aggcgaggtg ggtgccttct aggacgaggg ggacagctnt tagttgtggg acctcccc 359
```

<210> 1857

<211> 444

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. H08054

<220>

<221> unsure

<222> (1) .. (444)

<223> n = a or c or g or t

<400> 1857

```
tttttttttg gnttataata aagattttat taaaaaagtg ttaaaanaaa taatacatat 60
tccagaacat cactgttctg agaaatcact tccctttaga atatgagttc tagatggcag 120
atctacttac aactgctctg aggtctttta ctactgtgatt tataatccta tattaaaaaa 180
aaatctatag tctgcagtct tttgacatac ttctcaaggg tggatatgtg gtggaatgca 240
gactccatca atatgtgtgg ttttgtttgc tttttgtagc ttaactgctg tttagnaaat 300
cccagaggaa tatgattgag gccagagtta cattggttca taaaattcga acagttgaag 360
```

gctgttttttg ttaattgctg gggccacaac caggaaatcc ggatgatggg gagagaaaca 420
ctnttttagg gtantggta attt 444

<210> 1858
<211> 463
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. H08102

<220>
<221> unsure
<222> (1)..(463)
<223> n = a or c or g or t

<400> 1858
tttttttttt tttttttttg atttggtaat taaagtttat ttgaacacaa aatactttct 60
ctgtctataa aattggctgt tagcagtagc agcagcatgt cctggccaag gggagtagat 120
ttctccagac tactaaagcc atgtatatag ccattcccac ttcccatatt ctgtggatat 180
gtacatgtgc atggtagcta gagtccctcc accaggagta tctctctcat ggatgggttc 240
ttcagggaga ggaagaggag acctgggggtg aagagctggg atggttttga gtggggcaag 300
ccattaggct gttaccttga agcccagtct ctctgggata gctgtactgc aggggtgtcct 360
ctgaggccct tctctgtact ctgtctggct naggggaatn ggggttattt tggactccca 420
taggaaaggc acttagccta agtcaccaa tngactgctt ggg 463

<210> 1859
<211> 228
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. H08863

<220>
<221> unsure
<222> (1)..(228)
<223> n = a or c or g or t

<400> 1859
tttttttttt ttctccaca cgtttacttt taaaaaataa ttgtacaaaa cagaatgaat 60
tcttaaggca tatcagaaat gctgagtcctc aggcgggggc cctgccagac cagggctggg 120
actctgcagt tgggagcttg tccagctgcc cctctaatg cttttctcct ccaggacaca 180
gggagcctcc ggaagcacag tagtccccgt gtgtcacctt aggetgac 228

<210> 1860
<211> 406
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. H09167

<220>
<221> unsure
<222> (1)..(406)
<223> n = a or c or g or t

<400> 1860
tttttttttt tttcacgtgg aatgggtgtt tcattgggtg tagttggggg aagaggttaa 60
tggttacaga gccagggcct gggcaatggg gtcaggntct ccctgccctc aggnnggcag 120

```

tcggggctcc tgctgtgggc cgaagcccct cccccattgt gtccctctcag gcagttgata 180
gaataaaattc cattttaaatt atatgcattt ctctctgctt agaaaataac atttacaatt 240
gaaaagttag gacttntggg atctgttaac cccactgcct cccacccctg ctagccctgc 300
ctcagtggag gaaggcgagg gcaggagctg cctggggcac caccgctgtg tatttacatg 360
tcctntgtaa cacctnacgg agaggggggc ccggccagna cacaag 406

```

```

<210> 1861
<211> 298
<212> DNA
<213> Homo sapiens

```

```

<220>
<223> Genbank Accession No. H09241

```

```

<220>
<221> unsure
<222> (1)..(298)
<223> n = a or c or g or t

```

```

<400> 1861
tttttttttt ttgtgtggag atgttttatt ggctttcact ttccctcaggg agccagcgcc 60
ccnagncagg tccccacggg ggagccgagt gagctgggag ggatgggtgc ttgcttcggt 120
tcaaagagat ctacatatct acagagagga tggagaccag aaaggaattg ggaaatggaa 180
tcatgagggc cgggtcctca tccccacccc acccagccca cccccacgc caacgcatca 240
gaaacagant tcacaggatg cacagaggga agccagaggt ntggggcggg ccngggcc 298

```

```

<210> 1862
<211> 253
<212> DNA
<213> Homo sapiens

```

```

<220>
<223> Genbank Accession No. H09271

```

```

<400> 1862
tttttttttt tttttttttt ttattggaaa ggaaacaatt tattatatatt gaggaaaatc 60
attaaaatac atgtaatatg tttccaattc actgatattaa aggcatatag atttaatttt 120
taaatacact ttcaaagctg ttacgcacag ttccatagtc caggggggtca atttcttcct 180
ctcaaagtta gaaagcactt gaaggacacg ggattcaaaa aaacctaaaa catcataaaa 240
gccattaaa aat 253

```

```

<210> 1863
<211> 459
<212> DNA
<213> Homo sapiens

```

```

<220>
<223> Genbank Accession No. H09281

```

```

<220>
<221> unsure
<222> (1)..(459)
<223> n = a or c or g or t

```

```

<400> 1863
tttttttttt tttttggctt ttaaagcatt taataagtca aaatcaaata aaagtgattt 60
ttaaaaagaa taaatttaca tatggtacat aagcaagaca gctgaagggt tctaaaatag 120
aaacctggtg catatggccc caaaacacca catgctttga ttacactcag gaagcatgag 180
ttgcctattt ggggtgagaaa atcccattgt acagtgcgat cactgggcac gttttgggag 240
taattccagc cactgctatg taagtgtttt taattcaggg gtgtcttcta cgttttcatc 300
ttctgaatat cttgtgacgg tgcagggtttg aggcaaaaact gggcatggaa atgaggagct 360

```

gttttaggat ggaaggattg ccaagntggg atgggcttgg gccacagtg ggcagtnngg 420
 ttgggggggtg ggattnttgg gacatttagg ggaaaaggg 459

<210> 1864
 <211> 441
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. H09317

<220>
 <221> unsure
 <222> (1)..(441)
 <223> n = a or c or g or t

<400> 1864
 tttttttttt tttcttgggt ttgtaggcat ttatttacat catatttcaa tacttcagaa 60
 gcttaaacag tgtcaggggt atagcagttc tgagaaacag ttttacaaga agacataaac 120
 taaggggtac ccatgagtg cgtctcatcct tctctctcca gccagagta acaggtatgc 180
 tgagatgctc ttgcccttgg ccccggggtg ctcacctcca gcctcgagct gcctcaccca 240
 gttagccagg gggctgcaca ggtgtttgcg tgtcctacat gtggcctgtc atgaagaagg 300
 tccgcatacg tggctctagg ctgtgcagg caagtcttcc caagggactn aaggaagtca 360
 ccctgaaatc ctctcccat gagggacctc ttcctaagtc agattttctc actgctcctn 420
 gttccagntc ctgttgccat t 441

<210> 1865
 <211> 439
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. H09331

<220>
 <221> unsure
 <222> (1)..(439)
 <223> n = a or c or g or t

<400> 1865
 tttttttttt ttcatagcag ttttattcat aatacaaaaa actgaaaaca ttcaagtatc 60
 tgtcaataca agaattgatc aataaactgt gatacactca ttccatggaa tggctaaagg 120
 aacaaactgg tgacacacag aacaacaagg atgaatctca aaaacatttg gagtgcgata 180
 gaagccatac ccaaaaaagt gcgagaaaaa aagataaata atantgggtc caagaaatgc 240
 ccagcaggac agcccagagg caaagaccca caggacggcg ggccgttccc agggctgtcg 300
 ntcttaatta aggaaacttc tgctgggatt ttgccagct ccatttccaa actatttttg 360
 ggtcagtgac ttctttatcc cttocatgtt gcctcathtt gaactaggnt tcaactgtagt 420
 gttattcnat gtctgttca 439

<210> 1866
 <211> 489
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. H09353

<400> 1866
 tttttttttt tttttttttt ttttagccat tcacctttat ttcagagtgt tccttggtta 60
 cagggagggg tgtgcaagac cctgggctct gggggagggg ctgagctgcc cagtcagagc 120
 cggcctcagc cccctcagcc atccagggat tcgaaagggt gcttggtctc aaactaggtg 180

```

ctgactctga gggcttttcac ggtcccttga acttctgac ctccttttcc tcaaaatcag 240
tgctaggact cataagttat ggagtccaag attaacaatg ctaaatcctc aagctgactg 300
aagaatgccg agtttgactg tgaaatagaa atgttaaaat acagaaacaa cccttctatt 360
gtgactacct gttaagggtcc tgcaattaat acaacgaaag taccattttt gttgaaaagt 420
aggtggttag gggttttcaa aagccctggg tagcttttgc ccacaaagga aaacgagttt 480
aggacactt
489

```

<210> 1867

<211> 546

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. H09364

<220>

<221> unsure

<222> (1) .. (546)

<223> n = a or c or g or t

<400> 1867

```

tcttcgcact gtgcatacag gacgggtcca tccatcgcat aagagcaaag aatactattg 60
ttgccacagg gctactggcg caactacttg agctgcacgt ctgcccacac cagcaccagc 120
gancggcacg gccatgatca ccagggcagg ccttccttgc caggacctcg agtttggttca 180
gttccacccc acaggcacat atggtgctgg ttgtctcatt acggaaggat gtcgtggaga 240
gggaggcatt ctcatthaaca gtcaaggcga aagggtttat gagcgatacg ccccatcg 300
gaaggacctg gcgtctagag atgtggtgtc tcggtggatg actctggaga tccgcgaagg 360
aagaggctgt ggcccttgag aaagatcacg tctacctgca gctgcaccac ctaccttcag 420
agcagctggc catgcccttt nccgggcatt ttnagagaca gccttgatct tcgntggnt 480
tgacgttacg aaggagccna ttctntttct tccnaccttg cattattaca ttggacggnt 540
ttccac
546

```

<210> 1868

<211> 379

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. H09594

<400> 1868

```

tttttttttt ttcaactgaa gaaatttatt tacttttttc taggtacata gatgacataa 60
ttatagacaa gttttgatac ataggaaaac ccttccttcc acctctcttt atgctaaatg 120
aatcatcaca ataattttta caatttttaa aacaatacac agctttcttg ggctgaagca 180
attgcaagaa catattggta ctggtatatt acagctactt acaatgtttt taagaacagc 240
aatggagaaa aataagttat ttaaatattg atttcatata cagaaagtgc aatgttggtta 300
gttggttatat aacttgctcg acagtttctt ttctctatca attttaaatac aagataactt 360
gggactcaga ctattatat
379

```

<210> 1869

<211> 437

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. H09959

<400> 1869

```

tttttttttt ttgaaataa acgtcgctcc attttaatac cgtcttttagt atcatacaca 60
tgtgttcagt agtgagccac ccaaagcctc ctgccacagg agcagtagtc gaagcacaga 120
ggggaccccc ctctgctgcc tccccatgca gtccagtgat gaggtggatg gagtcctccc 180

```

```

cacagtcaca ccccaagctt cctcttcttg tggaaatagg catcaaacct tgcttgggcg 240
tagtccatgt acccaaattc aatagatgaa atcttggctt gtacaatgga ccacagtccc 300
cagaggaaat gagatgcaag ggcaaaccta ttaacttcaa ggcaacattt cttcttttat 360
aatgggattt ttcttcagta ctgaggtttt caaagtcatt ttgggattgc aggcaagtaa 420
ctgggattta aattggt                                     437

```

<210> 1870

<211> 563

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. H10482

<220>

<221> unsure

<222> (1)..(563)

<223> n = a or c or g or t

<400> 1870

```

taaatagggg gtagtaagtt taaaagaccc atcttgattt tattttcatt ctttttggtt 60
ctctgtgtaa taatagcagg ctacatagtg acattccagt tccaagaagg tacatcctgt 120
tccattcatt aattgctttg attactagga gggtttctgt tcagttttgt ttttaaagt 180
cttgcctgac tagttctttc agatggaata accttccagt cccttagaga gtggaactag 240
tccatataac ccagcttcag tagncaaaag tagaagccgc cacatctttt cttttctcca 300
agaggagagt ngggaagggt cccatgacca gctgggcagt caggatttct ctagggcatt 360
ctaagtgtgaa ataagtgtag actgctgtca aggaggcttc atcagaagat gtatagcatt 420
tgaatgtcta atgataatgc atatcattag aatncaagct ttgaaaattt ctgattaatg 480
ctcatgtatt ctttatcttt gtttttcttn tgaaggaaga ctttcaccac tgtctnagt 540
atgatgctgt tgataaggnt gat                                     563

```

<210> 1871

<211> 438

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. H10661

<220>

<221> unsure

<222> (1)..(438)

<223> n = a or c or g or t

<400> 1871

```

tttttttttg actttaggct tctctatagc aatactttaa tattccaaag aaaaatatga 60
actgagaatt gtattatcta gccaaattgt ttttactgtg taaaggctac agataaacat 120
atgtgacatg gcaaaaattt agggaaattg ttccatgagt cttttttaag gaaactatta 180
aatcattaat ttcagctgac caagaggatt aatgggaatg ttttgagttt caaatacatt 240
taaactgtgg gaactaagga aatgtgagga tgacaacaga atgtaaatat tatatgtcct 300
cacaaggtag ggantgatac aacaaaaatt gaggggaaaa gggaaaagga aagtgggaag 360
ttcactggat acaataatag ttggggcacc agagtgtatc cggctaaagc taaggctgga 420
cagtccaagg ggaggttt                                     438

```

<210> 1872

<211> 412

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. H10779

<220>
 <221> unsure
 <222> (1)..(412)
 <223> n = a or c or g or t

<400> 1872
 tttttttttt tttttttttt tttntttttt tttggcaaac ttntttcctt ttattctgng 60
 gaacgtcact aaagtaaaca gacatgcatg atttatgtta atttatacat gatgagattt 120
 aaggctgaaa atgacttctg gggaaactcc tactattagt ttcagancct ctgggcaggg 180
 gctgacttct cttggcttac ttatactncc taactcccag ngggcctgaa tagacactgg 240
 ccagantttc aaagtagctt cttgaagatg gatggngatc tgtttagaat aatccattca 300
 cctgttctgt ttcaggggcc aaatcaatat cataaaancc gggccgggtg gggantccag 360
 gggattntgc tcatcgttcc tactaagggg tacagaaaac cagccccaac gt 412

<210> 1873
 <211> 231
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. H10933

<400> 1873
 ttttttttgc ttttataaac attcaaccaa catgttcttt aataatctct tctttaaaga 60
 acaaaaataat caagtacatg gcattaagtt aaatgtctct gcacatgaat ttccacctta 120
 taaatctggt atattaaatt gtgctgtaaa tagatttgta tattttcttt tttgagtact 180
 atgatagggtg aaatgggtatg actataaaaa ggatttggtt ctttttgtct c 231

<210> 1874
 <211> 359
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. H11274

<220>
 <221> unsure
 <222> (1)..(359)
 <223> n = a or c or g or t

<400> 1874
 tttttttttt actgaaatga cttttaatat ctcatgtcgc agcaaaatta aaaatataca 60
 aaaagtgtgt ggtgtacaaa agagtctcag taaagaggcc ccagctcggg ccacctcccc 120
 ctccccctcc tggganagnc tcggaggggtg aatgggggtc agggggatga gggatggcac 180
 agatgtagta aataccagga ggtggggacca gggaaaagga aacagaagag gacaggggtg 240
 agggcccgtt agannngnaag agacgacagg gaggggaaga atcacttcgg aattgtgctg 300
 acagaggggag attagccctt tcaggcatgg cttagtgtt cctaggaggt ccaggggca 359

<210> 1875
 <211> 533
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. H11320

<220>
 <221> unsure
 <222> (1)..(533)

<223> n = a or c or g or t

<400> 1875

```
tttttttttg taacagtaat gcgaagncca tttatttggga tccatagtat agtcnttatt 60
tgagtttttac aaaacatncg aatataaata acctgaaacg taacaataca caaaaattgg 120
tttcttacac agacataccg ggcngtacaa actgaaaact tgagtaaatt aacattgttt 180
tacattaata tacatagtga ccatctaaca tttaaaaaca agtttcaatg catagcactc 240
gatacttctt tgaatctgtt tcaatcagtt aagagtatga aaatggtttag gatctagggc 300
taaaaataat tcttcttcta ggccaaaaat aaaggcataa tatttataac cgggtatcaa 360
ctttactaaa ccacaatatt ttgaaactat taatgatacc taagggtatt tacattaaaa 420
ggcaacatgc attgtgttgt tttatctcat gactggttat gcacacactt tgttcaaggg 480
tttttaaaac tatattccta ctttcaatnc agcatctgca atgtgtctnc agt 533
```

<210> 1876

<211> 268

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. H11739

<220>

<221> unsure

<222> (1)..(268)

<223> n = a or c or g or t

<400> 1876

```
tttttttttc cgatcaaaat gcttttatta gaataactaat aaatgcagat taaaaaaaaa 60
aaaacctcac acagaaaaag aggaaaacac tcagaaatgt gattacagat taggcatatt 120
agaggaaaaa gagttcttca ggggtatacaa antgtaaaca tttgccctgg gatttccac 180
agatggcaca gtccacatgg actcttttgg gaacaaaaaa atgtctatta agtctccagg 240
gatagcctct atgacatctg caaaggcc 268
```

<210> 1877

<211> 372

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. H11746

<220>

<221> unsure

<222> (1)..(372)

<223> n = a or c or g or t

<400> 1877

```
tttttttttt tttttgaagg cacacggctt tttaatagca gcaagtcagg tgcactctgcc 60
tcgaggggct accaagecat cataccattg tggcaaaggg ggcattgagga tgaggagaaa 120
gcaccaatnt gagggcatcc tcggtgtcca caggtgagca taaggcagga ggggaagctt 180
ccaacacatc tggatggcga caccctggg catggcagac ataagatgtg agccccttgg 240
tgacacaatc agaggctctt tgagaggagg gggaggcaag gttggtagtg gtncttcagg 300
gcactctngc catccaaatg ccacatgntt tggctcttnt agctgcaatt ggataggagg 360
catgttccat ct 372
```

<210> 1878

<211> 177

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. H11760

<220>

<221> unsure

<222> (1)..(177)

<223> n = a or c or g or t

<400> 1878

```
ggttgagaag tgtttattgt aaaantggag tttntaatga aantaaaana ttatttcata 60
acattctgat accactacac ctgagttcga tgccagcatg gtttgaaagt gaagctgata 120
caagttttct aaaggatgtt aaaaaactat agtatgaaga ntgtantaat atttnag 177
```

<210> 1879

<211> 425

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. H12257

<220>

<221> unsure

<222> (1)..(425)

<223> n = a or c or g or t

<400> 1879

```
tttttttttt acaattatta ttggangttg gatttccccc caggagactg taatattgca 60
aattagacaa aacatatata acaaagatag ctttttatct tcttaaaact ttgattagca 120
ggaaaaagca agccaagtgg ctgcgtccatg ctatagtac ttctatggcg ccaccacact 180
taaattgctgc cacaaagctt tggtaacatt gaagaggtcc ctttctgtat ggcacttggt 240
tggtctctcac acaagtgggg aaacattcaa tttgttgaaa atagtctgct tcgtatccag 300
gctgctaaaa gcatgttcac ttaanattca agggaatgct ttattctagg actttttggt 360
tttacatttc tgaggttcac ntctcatgtc catggatata gataagggga acgggggaag 420
ggaaa 425
```

<210> 1880

<211> 370

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. H12593

<220>

<221> unsure

<222> (1)..(370)

<223> n = a or c or g or t

<400> 1880

```
cccaggctgg attacagtgc tgtgancaag gttcactaca accttgaact cctggcctca 60
agtgatcctc ccacctcagc ttcccaaagt gctgggatta taggcatgaa tcactgtgcc 120
tggccatata taatcttaat atactagaga tgtggcgata agacttggct tcactcttct 180
acttcataac atcttagtgc caaaataata aacgctgcat attgcaaaat agccacctga 240
tttcaatcat gggaatgtct tggcacactg ctgggcaatg gaaacatttc atgggtgagg 300
aaaattaagg ctgagggcaa gtgcattagt tttctaatac taaaataaaa tcgacaaggt 360
aggaaggcaa 370
```

<210> 1881

<211> 420

<212> DNA

<213> Homo sapiens

<220>
<223> Genbank Accession No. H13532

<220>
<221> unsure
<222> (1)..(420)
<223> n = a or c or g or t

<400> 1881
gcgttcctga gtttatttgg ggcacacccg gacgagggcc ctgcacctag aagaaggntt 60
tgggcctctt ggggtgtgaag cgtggcttgn nctgacggcg caggncctcg tngggcagcg 120
ggaacttgan cttggagtcg tggaaactgct tgacagcccg ccggggcact ttgctggccg 180
cgatctcctc caccttcatg atctgaatgg agtgggctcg ggcgcggtgc cgggcaccan 240
tgtctcggta gcactgggtg acagcgcctg cgggtgggtca ngccccggta tccccggtac 300
atgtttgtggg gtgccgctcc gggagtcata ggcgcaccaa gatcccgaag ttttttcanc 360
cgcagggggg acttttctcaa aacaactngc ccacagtaga caattttccc ntgaagattt 420

<210> 1882
<211> 423
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. H13696

<220>
<221> unsure
<222> (1)..(423)
<223> n = a or c or g or t

<400> 1882
acagcgatgt acnaaacatg tatttgttga catggaaaga ggttcacaat gtacagttaa 60
gtgcaaaagc agattataag aaaacagtgt gcatagtagg ataccacggt ggcaaaatct 120
atatcttata tattcataga aaaaggccta gaagaaaata taacagtatt caccacagag 180
agtgggatgg ccaatgagtc ttctttctgc ttctattttc taatctttct acaatgtttg 240
tgtaggtcag ttttcctggg nttgcttttt tttttttttt tttttttgag gcacaggtgg 300
ggncatgggg agtcacggct ctcatgctgc cngtcaagga ggcaggggga cttgcctaca 360
gggggggctac tccccagcag gctctgctta aggaggattc tgggggnatg tcctgaggnc 420
ccc 423

<210> 1883
<211> 469
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. H14372

<220>
<221> unsure
<222> (1)..(469)
<223> n = a or c or g or t

<400> 1883
tttttttttc acttaattat acatacgttt tatttaaaga aaagcaaaac acacaaccac 60
agcatttcaa ttaaggagct tagaaaaatt tcaagtgcgt tcttggttct ccagttacca 120
ttccaataaa aaacttttta aaccaaaagt aaaattaagt gaaaaagaaa gaagtcccag 180
taagcagacc gaacaataca aattcaaaat actactctat cttcttgtgt tcgttcccac 240
caaagtgtgc tgtttaaagt tccacaacta ttatcttctt cctcttggtc tttagtgagt 300

tctacaaaaa cctgttccaa tgttgcttga ggaaaagcta tattcttcaa tgggcaaaaag 360
catgttttagg cttcttccag cttaaaaaaa gggtgtggaa agggggactg gaacatcttc 420
cntagggant tttntagggc naaataggag gaaaaacttc ccgacgggt 469

<210> 1884
<211> 353
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. H14617

<220>
<221> unsure
<222> (1) .. (353)
<223> n = a or c or g or t

<400> 1884
actagaaaag aaagttttgt gtggtggttt ttctctctga aagggtctgc ttataaacta 60
ttctacatga ctttcaaaaa aaaattccac atgccccctt gcaaatctaa tctttttcag 120
ccgggtgcag tggctcacgc ctgtaatctc agcactttgg gaggtctagg ggggtggatca 180
cgaggtcagg agatcaagac catcctggcc aacatcgtga aaccccgctc ccaccaacan 240
tacaaaaaan ttagccaggg tttgggtggc gggcgctcgg taggtcccag ccattcaggg 300
aggctnaggc agaagantgg gtntgaaccc tgggagggtg ggagctgggc agt 353

<210> 1885
<211> 422
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. H16098

<220>
<221> unsure
<222> (1) .. (422)
<223> n = a or c or g or t

<400> 1885
tttttttttt tttttttggg ggaaagatct ttattttactg atacagaaca atctgtgaga 60
tggtttagtc tttaaaaaat ggacaactgt gtatattatg ctaccatttc tttaaaaaaa 120
gaaaaaagaa aaaaaaagta aagagaagga ntcaaggatt gagaaaataa gccacagcct 180
gggaggaaaa tatttgcaaa agacctatct gataaaggct tgttatacaa aatatacaag 240
gaacacttaa aattcaacan taagaaaatg aggcaatcca attaaaaatg gggcaaaaacc 300
tctaacagat acctcaccaa agctatacag gatgggcaaa catatggaaa aggatgctaa 360
attcatatat tattgggtgg aactggcagg atttaaaaca atttaattac cacttacata 420
cc 422

<210> 1886
<211> 571
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. H16251

<220>
<221> unsure
<222> (1) .. (571)
<223> n = a or c or g or t

```

<400> 1886
tttttttttt ttttgtggnt cataaataca ttttatttca ttagaaatgc ataattacag 60
tntttaagag catttccctt agaaaagtag gtcagcaata ccccatcgga nccgagagct 120
gggcttttga aacacctgnc ctcatgacac tgggacagag cacacagcaa agggctcccg 180
tactcangac actgggacag agcacacagc aaagggactc ccgtctcatg aactgaggac 240
agaggcacac agcaaagggc tcccgtctca tgacactgga cagagcacac agcaaagggc 300
tcccgtctca tgacactgga cagagcacac aggcaaaggg ctcccgtctc atgacactgg 360
acagagcaca cagcaaaggg ctccctgctac tcccctgggn tttttttttt caaattttct 420
tttttgttat aancaccata gcaanttaaa aaaagctggt taaacagaaa atatcatagt 480
tcttgatttc cgngcatatg gacggctctc gcaccgtgcc tccctggtgt cggcaccaac 540
agnagggctn aacgaagggg tntcggcttg g 571

```

```

<210> 1887
<211> 471
<212> DNA
<213> Homo sapiens

```

```

<220>
<223> Genbank Accession No. H16768

```

```

<220>
<221> unsure
<222> (1)..(471)
<223> n = a or c or g or t

```

```

<400> 1887
ttttttttta atttataaaa atgaaaagtt tatttgtctc atggttctga caggctgtac 60
aagaaacatg gcaccaacat ctatttcttg tgagggtctt aggetgcttc cactcatggt 120
agaaggcaaa aaggagctgg catgtgcaga gatcacgtag ncaagagagg atacaaggag 180
atttccaggc ctctttttta cagtcagctc tcatgagaag taatagagga agnaagtcac 240
ttactactga gagagtggct ccaagccatt ncataaggaa tcaaccacca tgacacacta 300
gggcctcacc tccaaaactg gggaatcaca tttcaacatg aggatttggg aagggtcaaa 360
tatccaaact ataggcattc tacccttgga acgcctaagt atcctgtcct tctcacaagg 420
caaattacat tattttattc ccattagttt cccgaaaact taacttggtt t 471

```

```

<210> 1888
<211> 253
<212> DNA
<213> Homo sapiens

```

```

<220>
<223> Genbank Accession No. H17472

```

```

<220>
<221> unsure
<222> (1)..(253)
<223> n = a or c or g or t

```

```

<400> 1888
ttttttttat nttaattgga atcagacatt taatggcata aaaacattgc atatatggct 60
ttgctgttcc gaatgtcatg aacttaaaat ccaaatatga cataagcagt ttttaagactt 120
attttggcca gcttccccaa tcccaaagga gatttaaaag taataatgta aaaaagttaa 180
ggtcaagggt ttttaaaatc aacatctcag gctaagtact aaccctttgt ttctggggg 240
acttctgctc tac 253

```

```

<210> 1889
<211> 245
<212> DNA
<213> Homo sapiens

```

```

<220>

```

<223> Genbank Accession No. H17476

<400> 1889

```
ttttttttttg ctttttgaga ctttcaggca gcaaaggcct tctccttcca gacaagcctg 60
ggtatacaca ctctggccct ccacccacaa aatgccccca ggtgaggctc ttcagtacct 120
ttcgggtgggc ctccgagaag atcagtagag cggatccatg atgtttgtga tggaaatctcc 180
aaggatagtc ttctcccatc ccagcagctg gctcaccaat ccccgatttg gacacatgtt 240
gtttt 245
```

<210> 1890

<211> 462

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. H18412

<220>

<221> unsure

<222> (1)..(462)

<223> n = a or c or g or t

<400> 1890

```
agggagaagn tnctttattc tgggatctgc gtaccaggnt ggctgggggtg ctggantggg 60
aaggggaatc caaggagcaa accaagaagg tcctagggcc agcctaggcc tccacggccc 120
ggcctttgat gacgcggatg tggcggatga cgtcctggat ggcttcanat gttntgccct 180
ggccccgat ntccggagtn tgcatattct cattgtccat ggatgccagg acanccttac 240
ggatggangt ngcataggag tgcagcttna ggtngtccan catcatgcag ctggccanca 300
nggtggccgt ggggttggcg atnttcttat tggcgatant cttncgggtt ttctctgtag 360
ctntttcaaa cancgctac acatggccat anttngcccc agccacaaag gcctggggcc 420
cccgaccagt tccgcgnaga catttttgac gatttttcca ta 462
```

<210> 1891

<211> 503

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. H18442

<220>

<221> unsure

<222> (1)..(503)

<223> n = a or c or g or t

<400> 1891

```
ttttttttttt tttttttttt tttggcaggc caaaacccta gtttatttca gcatcagcag 60
ttatcttagc catcaaaaaa ataaactcta ccaagggtta cggaagntct acagcaaggc 120
taagggtctg ccagacggna ancatcaggg gtgcatggtg ggcaactgcca gggcaataag 180
ttaggaagca gcagggtctg ntntcgggtt tgggcccggc ttcatttctg ggcaggcatg 240
aggctcgtga tggcctggcc ctgctccagc cgctgctcca tctcgatgag cagcttcaact 300
ccgtccacca ccatctgcac cagctccacc tttgagaaag cccaggggct tccagcgtttg 360
ggagacgtnc gaaagcccc cggncaccg cagtcctgnt tccacaccgt tntgtggcct 420
ncgttttttt gnaagtctgc agccttttta aggcaccttc cgagganttt tttaatgttt 480
tgcccagggt tggnaagtgt ttt 503
```

<210> 1892

<211> 400

<212> DNA

<213> Homo sapiens

<220>
<223> Genbank Accession No. H18950

<220>
<221> unsure
<222> (1)..(400)
<223> n = a or c or g or t

<400> 1892
tttttttttt ttttttgatt aacatttcttt atttcacagt atttttgatc agaagtctta 60
gaaatcatga ttcatctggg tacaaatccc atgagtttct ctttgaatga acctcttgct 120
tccagtccca tacaacgcac ctcccaccag ccccgagggt ttgtaactgt gattcaaacac 180
tgagtgtctg cttggaaagg aggtggagct caacttccaa ctcagagggc ctctccact 240
gctctcaggg aaatgcccac gattcactta tgctgtatca acaacaagtg cagctgggag 300
ctgcctttcc cagctgggac aagcggctcc taggggggaa tctccaccct caggagggct 360
taggggaaagg ggaaggtntg aacgagttca ggggccnng 400

<210> 1893
<211> 309
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. H18997

<220>
<221> unsure
<222> (1)..(309)
<223> n = a or c or g or t

<400> 1893
taagggttcat taatggtnnt ttttctgat tacaaaagca aaacctcatt ttttgggtctt 60
tgaagaccat ggagtatgac ttctaagagc aaacattaac atcagatttg tatgtctcac 120
tacaaaaaga acccatcact gatgtaagac ctactcatga tactgaagta gattttttta 180
attaaaaaat aaaagtagtc atttaaaatg gaggaattgt agatgagtat ggaaaaatcc 240
attcacaag ttcactatnt gcattttcta aaagantttt atgtaataaa atagaaaact 300
aatgattta 309

<210> 1894
<211> 466
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. H19089

<220>
<221> unsure
<222> (1)..(466)
<223> n = a or c or g or t

<400> 1894
aagaatcata ttttcataca gtcataactg tctttctgtg accctttcac agggcactgt 60
aggatggatt aaagggtggc atttactgat aactgcagat gtctctactt tggtctaaaa 120
tctaagtcac gaggtgattt gatttacttt atagaagctg gatttttgaag atctaataaa 180
aaattttttg ataatatagt agtacaaaaa aagcaccagc aactgataaa aattgctttt 240
ttgtggcgct acccaactgg ttaaagccaa tgtgatcttt tatgggtgaaa ctcctaagaa 300
acagggtggt ttgctggaaa cttggttagc ctttaattat agtgggtgcta atgagcacta 360
ctgttaatat taaagccacc nttatttttt attcaaacat ctgaatacat ttaccaaggc 420
tattgtgagg gccttatttt gaggctcnat tttgagggtg atgttt 466

<210> 1895
 <211> 218
 <212> DNA
 <213> Homo sapiens
 <220>
 <223> Genbank Accession No. H19504

<400> 1895
 attaggaagc aaaaaaatgt acagttacaa gaatcatttt ccaaacagag gttaaataatg 60
 agctgaaaag tgtaaaaaag gaagaggaac atcactttac aaatcattaa attaaacaaa 120
 taaacaaaca gaaccctaaag aaccaacccc ccatgctgag ttctctcctt gtgcaactct 180
 ggcaaatga ggaacaggaa aatgaagtgg ggccgtgg 218

<210> 1896
 <211> 407
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. H19562

<220>
 <221> unsure
 <222> (1)..(407)
 <223> n = a or c or g or t

<400> 1896
 gcgatgactt ctgcgctgac ccaggggctg gagcgaatcc cagaccagct cggctacctg 60
 gtactgagtg aaggtgcagt gctggcgctca tctggggacc tggagaatga tgagcaggca 120
 gccagtgccca tctctgagct ggtcagcaca gcctgcggtt ttccggctgc accgcggcat 180
 gaatgtgccc ttcaagcgcc tgtctggtgt gtctctcctc cagtgggtctt tggagaacac 240
 acactgctgg tgacgggtgtc aggacagagg gtgtttgtgg tgaagaggca gaaccgaggt 300
 cgggagccca ttgatgtctt gagcctgccc gaggcgaagg gggtcggaga agcggatttt 360
 gggctctggg gcctctgttg atgaaggcaa gncaaaactt ttccggt 407

<210> 1897
 <211> 395
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. H20543

<220>
 <221> unsure
 <222> (1)..(395)
 <223> n = a or c or g or t

<400> 1897
 tttttttttt ccatgtatta tagtttatta actttctttt tcacgctcac tggggttaag 60
 gtgcggaaag catttcacag ggagtcttaa aaccaaatta ggattgccag gttaaaggctg 120
 cacaaggaaa atgccttatc tctgaagccc agagctggca ggggagggca tgacccaggg 180
 actccaccct cctgcaaagg gaaagggcat gctggagagg catggggacc cactccaact 240
 cactctgggt gctgtctgta gttctggaag cttggtggag gatttcctgc tcaacttaga 300
 ggggtgggcca atggggccag gncggggnaa ggtgaggggt ggaagggcag aaggaagtna 360
 caaaggccac cttcagcaca gcagttagaa ggaag 395

<210> 1898
 <211> 473
 <212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. H20627

<220>

<221> unsure

<222> (1)..(473)

<223> n = a or c or g or t

<400> 1898

```
tccgttgtgt gatcacagat gctattttctg ttttatttggg gattatacga gactttcta 60
acataaatga acgggtattg gtgcctcttt attttaaaaa atttgaagaa aagagccacc 120
tcataattcat aggggtgtgta ttttttgagt gtgagcattt aattgaaaat aagaaagcta 180
tgaagtaaat gttaacttct ctgtagcagc taatgcatag agacactaaa acccacacca 240
catttttgtgg gaaatgagga tcctgatcct cttttgtcct ctccaggtag tctcgcagg 300
tatgcagctt aagttcagtc ttctttatgc tgcgattgat ttccacctca gtggcttagc 360
ctttggggac agtgggatac tggcaacagc ccaaggaact cttgggttat tccgcacaag 420
ctgctgggta ggantacatt agccctcngg tttttccagg ttcaaccccn gtt 473
```

<210> 1899

<211> 449

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. H20989

<220>

<221> unsure

<222> (1)..(449)

<223> n = a or c or g or t

<400> 1899

```
ttgtttattg acatacaggt aggctctata gcaacaggcc tggnggttct gcagtagtgg 60
gggaaaatgg angncggagg gtggggncag gtncaaaactg gagaggccta gagagctaga 120
gangcaagta aggnccaggg cagantcggc ttcaatggaa caacagccca gtgccctaag 180
gcccctaact cttgctggct gtttcttgac cccaagccag ggttgggagt cctctgggca 240
tccatttttn ctaaagganc tggacagagt acacacagga aaggaagctt tcacctctt 300
gccatctggc tccaggggcc tccagtccag catttctcct tcttcccttn attgggtggg 360
gccacatgat gggcagccag gctctgggct gttcccacta gagcaggctg caaacacagc 420
catttttcag tgaggcttga tcttcttna 449
```

<210> 1900

<211> 406

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. H24077

<220>

<221> unsure

<222> (1)..(406)

<223> n = a or c or g or t

<400> 1900

```
tttttttttt tttttttttt tttttaacag aaaaccggac aattnttatt tattttaaat 60
aagaagtcac aatactatta ggaatagaga gcaagatata aaatcatatc aaccctttta 120
gataaataca aaggacaaat gaaatacaca aaaaacanta tatttttaaa atccactgtt 180
agtttttnga aaaagaattt ngacagtttc cattangnca ctacatccca ctattccatt 240
```



```

tttnggaagg acagatgctt gaggccatag gttaccagct cttgtttggt ctttaaaaat 300
gcaaggtaag ttgctaacat tttcaaataa ggattttcaa cataactctg gacaatggcc 360
acgggacaca cagtttgggc tcctnggtac acgtaccngg ggggga 406

```

```

<210> 1901
<211> 386
<212> DNA
<213> Homo sapiens

```

```

<220>
<223> Genbank Accession No. H24081

```

```

<400> 1901
ttttttttgc aacattttaat acagtttttta tttgttttaat ttggtaaagt tagaatgtaa 60
tggtttcaag gcaaaccctg gactacttca gtcacaaccc aatagttaac atgattctga 120
agaacagtct tatctgcaat atctacccac ttctaaacaa acacatctat agaaatccat 180
gtacatatat attagttttc aacaagtcag gattttcaac aactctaaaa tttcaatttt 240
atattctgga acacacttca aaattatcca cttgatgtca gggatataac cataggggag 300
gataaaattt catgccaatg ataactcagg tttttttttt taaagggtaa atcccaatat 360
tttgatccat tccatggcta ccataa 386

```

```

<210> 1902
<211> 449
<212> DNA
<213> Homo sapiens

```

```

<220>
<223> Genbank Accession No. H24269

```

```

<220>
<221> unsure
<222> (1)..(449)
<223> n = a or c or g or t

```

```

<400> 1902
tttttttttt tgtcataata aactgatttt attagaaaaa ggcactttta tgccaactgc 60
tggaacacag catagtaaat acatttgcac aaccaaacac agtgccctcc agggggcagn 120
gggagaagaa gagtaggaga gggnnatagt tnttggctta acaaagaaga gaagagcgag 180
gancggncca ggggangtag ttaggtcaag tggatggttc tntaccagg acacagcaaa 240
ggtcctcagg cactgattca cattacccaa agttcaccag ataataggag ttgtttccgt 300
gggctgacat ttcttaggcc ttgccctcaa acttgggcag ggaggggagg gcaagcttcg 360
ttttaaagga aggggagagg gggagggagtt ttccngggca atttgggcct aggggggttg 420
ggntttgagg agagatttag gtttgaccc 449

```

```

<210> 1903
<211> 414
<212> DNA
<213> Homo sapiens

```

```

<220>
<223> Genbank Accession No. H25124

```

```

<220>
<221> unsure
<222> (1)..(414)
<223> n = a or c or g or t

```

```

<400> 1903
tacagattta ttaagcctga tgtagaaaga catttaacag taacatctcc agaaagcata 60
aaaagagcac ttctattcag tcttgtgctt tgaaaagcta aatatatttt tatcatataa 120
ataattcttt tcatgtttta agtgcactct tgtttttttt cttctctcct ttaattttca 180

```

```

tttttcaatt ggccaaagca gaagtcgacg ttgactgaaa tgaagccatt tgcaaagcta 240
atgggtgttg agagggcatg tctctgctat tccgtatcag gctaggggtt cagggaagg 300
gggttcaata ggctggcagg catttaaant gagggggaca ggctccngg ccaaaatcca 360
taatttgtaa cacacccggg ggccccccaa tgtcaggcag tttgggggtt tccc 414

```

```

<210> 1904
<211> 325
<212> DNA
<213> Homo sapiens

```

```

<220>
<223> Genbank Accession No. H25551

```

```

<220>
<221> unsure
<222> (1)..(325)
<223> n = a or c or g or t

```

```

<400> 1904
taatttgttt attttcacccg ttctgcattt cacaaacttt ccacaataga ttttaaactc 60
taaggcattt gagggagcaag gagcgagaaa aggtatacaa ccatagtaat tctctctgct 120
gccattatac taggcattta tagtatccca taactgaatg caagaattgc tcctgtataa 180
atgggaagaa catggnttaa aacaaatgag aaaaggggca atgtgctaata atgttgtctg 240
cataattttt taaaggcata aacataaatc tgggaaacca acatattaca aggggttaagg 300
natgggntac ttcttggttg gtagg 325

```

```

<210> 1905
<211> 206
<212> DNA
<213> Homo sapiens

```

```

<220>
<223> Genbank Accession No. H25836

```

```

<400> 1905
tcttctgtaa tatgtgtcaa agatattatg aaaaaaagat tagaagtcc tccccccatt 60
tttagtaatc ttgatattat gaaacaagtg agtactaaaa caaaaacaac aataaatatg 120
agcactacag caaacatgac atactgtaat agaattttat tgaaaaaaat aacacgtact 180
tactgaagtt tttttttttt tttttt 206

```

```

<210> 1906
<211> 375
<212> DNA
<213> Homo sapiens

```

```

<220>
<223> Genbank Accession No. H26417

```

```

<400> 1906
gtgtgtccct ccagatccct ctccagccct agaaacctga gctctataaa tgttgccctc 60
ctccactcat cttctctttg gcttcagggt gagttcagcc aacagatgcc cctgtaggat 120
ttggacacag ggagccaggg gagaggggca tcagctgcct gggtagcag ggctgggat 180
gattcttcta cctatgactc tcagtgtgtg tgccctctcc tctggatctt ggaagcttcc 240
atgctgaggt ctgaagggtg ctccctgcct cccactgatg tccttagaat cccatcctca 300
cctaatacct gggaattgaa cactggcctt tcttagaatg tcatttaggg tctcgtttca 360
aattcccagt atggc 375

```

```

<210> 1907
<211> 348
<212> DNA
<213> Homo sapiens

```

<220>
<223> Genbank Accession No. H26763

<220>
<221> unsure
<222> (1)..(348)
<223> n = a or c or g or t

<400> 1907
ttacacacat cagactgggg gaagaccatt gacatagctg agcaccaggt agggtnctcct 60
gggtattcgg gcatgagagc agcagggggc tcctgacgcg ggcaggagaa acatggcacc 120
caccaggagg aggaagagga ggaagaggat aaggaggaag gtcagaggct gcctgggatg 180
caggatcggg ggcccctggg attcccctcc agcctcacat cctgggagat gaggagatgc 240
ttgcctcttc ttgtcctgag gcttcctggg cagggagttt ctttgggtga cgtgctaagc 300
ntttctnggt ggcccaggcc aganttcacg catntcctnt tcgggagt 348

<210> 1908
<211> 481
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. H27188

<220>
<221> unsure
<222> (1)..(481)
<223> n = a or c or g or t

<400> 1908
natanttnga aaagttttat tgaaaaaaaa aatgnacaaa taagtncttg gattganagc 60
aacaaaggct cangttcccc cttccctccc tatctttgan gaactaaaaa aggangaaaac 120
aaaacaaaaa gttcatcccc acaacgccag acacgatgct tcttgaccag agtctgcccc 180
gaagcccctc ctggggagct cttctcfaat ccgcctcact gcgggccagg gncattcttg 240
gggngcctg ggncccaggg ggctgcagca cctaggtttt atagttgggg agaggttggg 300
gataggagct gggggagggc agctgagggt tttttaggtn tcagaagagg ggctggtctg 360
acccccctag gctcaatttg ggtctcacag ggtnagaagg taccgggggt tataaaatat 420
ggaatactnt ttttnagggc aggcttnatc tgggggcttt caggggcagg cagatgantt 480
t 481

<210> 1909
<211> 256
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. H27330

<220>
<221> unsure
<222> (1)..(256)
<223> n = a or c or g or t

<400> 1909
tcgggctata gtttaattac gacaatcatg aaattattgc aaataaacia agaattgtaaa 60
actcccttcc tatttgtcta gcactactaa acttgagaag tgtaataata ttatatagac 120
tganctcagc cagggactct aagcacttgt gtgggctgtg atatagaagg attactaata 180
aattgagccc ggtntggggg tcacattagn gcccttcac acattaaatg atatagggca 240
accggggctt agtggg 256

<210> 1910
 <211> 232
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. H27442

<220>
 <221> unsure
 <222> (1) .. (232)
 <223> n = a or c or g or t

<400> 1910
 agtganagtt ttntacactt tattatgtac attggttgaa agggaggcca cctggngaaa 60
 cttctgcact ggccactgtgt tcctagagct ctttctatgc ggccctccca agtgatttaa 120
 tttcaggctg attggactac gaattcacaa ggcagaaaag tcaagggtcat ttggnatctg 180
 gagacaggag aactcaagga accaaaagta ctgttactct aagtctcaga aa 232

<210> 1911
 <211> 429
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. H27897

<220>
 <221> unsure
 <222> (1) .. (429)
 <223> n = a or c or g or t

<400> 1911
 aatgatcaaa tattttttatt atgtttatatt gaagttagat gatggaaaag atggcctggc 60
 tgatttttga ccgagtggcc catcacgata cctgaacaag cagtgtgtgag ggtgggcctg 120
 gcacaccctt gggatgttta caggagcatc tgggtccagtc ctgtcttatg gctgtcccag 180
 ctccagctct cgaagagtct ctctgaggag cagggcctgg gagctgggcc tgcaaagcca 240
 gagctaccac tagaagaagg gctgggctgg agcagggccca gggaaaggag acctntccag 300
 ggggacaagg ttgcacgcag ccttcagggt gcagccagaa cctgccggca gaccccaggg 360
 ccaccgacga gggcaggcct taccagggat tnacacctgg gtttttnagg gtnacctttt 420
 atttccctt 429

<210> 1912
 <211> 402
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. H28333

<220>
 <221> unsure
 <222> (1) .. (402)
 <223> n = a or c or g or t

<400> 1912
 cccggacaat tatantttat tnntcatata tatatatntc ccnnnatata tatatacata 60
 catatataaan ggaacaatt tgcaaatnta cacacctgac anaccncat atacacacat 120
 atgtatgcat acacacagac agacacacac acccgaagcc ccccgccagg cccgttttcc 180
 atccctaagt accattctct catttgggcc cttctagggt tggggccctg agcttggttt 240
 gtagaagttt ggtgctaata taacctatag ctttaatccc catgaaggga cagtgttaga 300

actcatcttt gtctgntccc cgntggcctt tcagtttttag gtgatccatc aaggggggggt 360
atgggggngg ccaagggtgga acagggggga ttgaggggta at 402

<210> 1913

<211> 347

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. H29565

<400> 1913

tttttttttt ctaaaaaatgt tttatttttaa caaaatgctc aaatatctga aattggggcaa 60
aggtggaggg tgggcaagct ggctgaggtg tcccaggtct gtggctgcct agctgggtga 120
ggggctgggtg agcagctgct ccagacaccc tggacttcct ccaggccccg gtagcccgct 180
tcagacccccg gggaaaggcag cggcaggact ccagggttag gtagagcagg cccgggcagc 240
tgctgatcac agagctgaca gtgcttggtg tgaccgggtg gcccctgagg ttaagagagc 300
acagggtctg gtttgagccc ccagggtgct ttaagaaggc agccagg 347

<210> 1914

<211> 439

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. H29568

<220>

<221> unsure

<222> (1) .. (439)

<223> n = a or c or g or t

<400> 1914

tttttttttt tttttttttt ttttttttgg agctttccgc gggagacaga gcattttaatg 60
agagcaagag ctggacagtn tggtcaggaa tcgtcccacc caaggaaacca gacacatact 120
cggtccttga tggggtttcc tgaggtctct atactttctc ctgccctgga aaatgccatc 180
caggngctca tctctttgct actgcctctc ttccagagca gcacaagaag gaaataaaat 240
ggacttgctg gggaaagaag atgcttgctc ctcatgtctg tctcttacag gggggcttct 300
gaagattccc acagcctctc tggganttgt tgccccactt tggggtnttt gtccgagtaa 360
cttcaagtag gattgggccc acgggcaggg ggtnttttgc tgagagatca ccaagcggtg 420
ttcaatttca acgatcctt 439

<210> 1915

<211> 333

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. H30270

<220>

<221> unsure

<222> (1) .. (324)

<223> n = a or c or g or t

<400> 1915

gaaatcattt nntgntcttt aatcatagca aatgtgtttt tacggtagtc ataaaaatcaa 60
cattaccaca tatacaaaagg acaagacacc agtttggtcat acaaaaatac catatattaa 120
aattgggttc attggaaaac tcaggactgg ctaagacacc atctataaca gagagagcaa 180
gcaagantgc ttttaaggac attcagattt ataaacaggc agcttgatat cccctttacg 240
aggtcaatat ttgggcaaca tttggggcca atatttttct acacagcccc gcagggtcat 300

333

<400> 1918

```

naaantntta aaacattttt attctgtaca atatatatgt gtattttaa atatacat 60
atgtatatat atatntctcc ncagagaaac cttagccaac aaatccctga gtccatggga 120
acccaggaca ctaacaaagg gaaaggagag tccatgccta aagagtagga catatggcaa 180
catctttccc tttctcctg ggtcccctgc aacagaggga agggcacagt cactacaant 240
tactaaaacg ngggttttag tggggcagga aagtggggtg agagtgggta gggntgggga 300
actcaggatg ccaccagtct ggggaaagta aaacatttgn tccagcatgg aaagccaaca 360
tgacc 366

```

<210> 1919

<211> 494

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. H39119

<220>

<221> unsure

<222> (1)..(494)

<223> n = a or c or g or t

<400> 1919

```

tcagagcatn cntnttttat ttagcaacaa tggcagtatt tcatgagaat gagctgcaca 60
atagtgtaaa tgccattttc tgcacacagc ctgggagcag atgggttacag cgacagagcc 120
cagaccccac agtcctcccc tgcccttctc gacaggctct ggctacttct ggcctcatta 180
ttgtctcagc cacagcccag gtcgctgggc cagaaggag ggtgcaggct ggttccgctg 240
ctcaggctct gtcacectgc ttcttccttc tcaaggccac ctggggagca gctggcaggc 300
aagaatgccc cctcacaca cagggaaccc aagtccctgc tgantcaacc tcttctttt 360
tttttttttg gagaaagagt ctcgntctg tcantcagg tggagtgcag tggcgccatt 420
tgggttact gaaagttccg ttncgggtt cgcaccttt tntgcnaag gntcccagat 480
agttgggtta aagg 494

```

<210> 1920

<211> 379

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. H39627

<220>

<221> unsure

<222> (1)..(379)

<223> n = a or c or g or t

<400> 1920

```

ttagcagttc anatagttta ttcagcaata taacaggaga gaacctccat tgtaagagac 60
ataaggcaga tacagggtgc atctctggg tacattctc atacagacta acaaataact 120
tcaggtttca caacatgtag caagtatgat ttgttgaca ccaacagcca ttcattctc 180
acgttttctc tgctaaaaga gccctgggtc gccacgggtg ctatgctgta atcccagcac 240
tgtcggaggt cagggcagggt ggatcatctg aggtcaggag ttcaagacca gcctggggca 300
acatggtgaa acccgtctc tactaaaaac aaaaaattt gccagacatg gtgggagggg 360
cacctgttaa ttccccact 379

```

<210> 1921

<211> 378

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. H40149

<220>
 <221> unsure
 <222> (1)..(378)
 <223> n = a or c or g or t

<400> 1921
 aataaatgtt taatattaat cattcccaaa ctgacaagaa cacaaaaata aaatgcaa 60
 acagagccag ctttgtcacc caaatctgtg tctatttctg atagtccatg gaatgtgggt 120
 ttcttggaag ccagggttgg tctccccaca gacccaggg ctaagggtcac cagttaggga 180
 acccaggac ttgggaaggc agagctgttg gagctcttcc atcagggatc tgactccgca 240
 aaacgacttg atgaatgcaa ttgggcaaac tcccatgttc gggacttcat atgcatgagc 300
 cgttggggaca gaggggtttc ttaggtatat acttttaatg catgtttatg tngcaatctt 360
 gttagtgggg gtatacaa 378

<210> 1922
 <211> 327
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. H40424

<220>
 <221> unsure
 <222> (1)..(327)
 <223> n = a or c or g or t

<400> 1922
 ctgtatantt tnncttnttt tttctcttgt gatttggcac ttaaggctta agcgcnaaaa 60
 aaaaaggcat ctactgacaa aatatgggac ttgtctgtna tgcattgtaa gtgggctata 120
 aaatccaggg aggggggtttc aagccagaag aagctactga caaattgact tgtccttatg 180
 ttaggtgggg ttatgagggg gagagggagg gcacattctg aggtgctggg ggaaaggggt 240
 tgagcttaac cttgttaatg tagggcctgt ggggaatggg atgggtaggg agaagagggt 300
 atgggatgtg ggtgcagggt aggggct 327

<210> 1923
 <211> 443
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. H40534

<220>
 <221> unsure
 <222> (1)..(443)
 <223> n = a or c or g or t

<400> 1923
 aantannnaa cctttataaa aagcagcttt ttgttatctt tggaacaaaa aaaaacaaag 60
 taggcactta tgaaactttc tcataccctt aggtgatgta atcagccata taatttatat 120
 ttgatttccc agggaaggaa tcccaaactt ttacgaatgt aaactccctt ggagaagagg 180
 gttaggacgc tgttgcgctc aagccccctt cagctgtgtg cactactgagc caggacagg 240
 gtctttgagc ttccccactn taagaaggaa cagcaacaaa aggcctgtcta ggaaaaacag 300
 aacctgcctc tgcctctgct cagggtntcc ccgctggggg ttccattgtc ctttctccat 360
 tgctccctcc tgtggacagg acatcttget catgtaccag cccnattca ccccatcccc 420
 taataggggg gtnctcgnng gct 443

<210> 1924
 <211> 395

<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. H41084

<220>
<221> unsure
<222> (1)..(395)
<223> n = a or c or g or t

<400> 1924
ttatgttttaa tcagcattgt ggaaaatgca acaatatctg ttcattggnac ttgagaaccc 60
cagagtgggn aacagcaggt gnggnatgtg gggagaagaa aggaggaggg tctggagagc 120
ggccataggg gaggcaagtg tgaggagcca ggagtggggg ccctgggctg ccctagacag 180
ggacatgcgg gcaccccggt gggtcttttg cggctcacag gacaatggca gtggaggtct 240
gtccctaga gggcgaaggg ggcactgaat tctccccag tagcctcttc tctgattcctt 300
cctcattcag gggctgggag ctctggccac acaagtttcg aagacctact nccaaggaaa 360
ccaaggacac aatgacctta aagacacaga cagcc 395

<210> 1925
<211> 404
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. H41280

<220>
<221> unsure
<222> (1)..(404)
<223> n = a or c or g or t

<400> 1925
gagggttaana aataccatt tgtgggtggn tttattgtta aaatgattaa acatgctaaa 60
atcacatgga gtggctattc cacttttgcc ctgactccat agtggggcaa atgggaacta 120
caggagtcac ttggtttgtg tggcctctgg ggatgggttag acttgagggg tttagcgggtga 180
gcagggttagc aaagcccaa gcacacctca tctagtagac ttttcccagg cagtaaaaaa 240
attcagagat ttcccccttc ttcacttttc tttcctccct atatgtgccc tacttctcat 300
tctcctatgg ccctggggac ctcttatgct tctgcccgtt atggggctta gnetaggtatg 360
atgaggggagg cttttccttg acaccagcat tccagtctcc cctt 404

<210> 1926
<211> 414
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. H41529

<220>
<221> unsure
<222> (1)..(414)
<223> n = a or c or g or t

<400> 1926
ccagggggag atgagntcgn ttnacgtgct tcagcaccgn gcttcaggga gctgtcgtag 60
cgcacgctca ggttctggat ctggatcttc ccttgggtctg gccagttctt tgggatcagc 120
gatggtgctg ggggccgggc tgggctcagc accaggcatg ggccacagct agtatccgaa 180
agtgccaccc catccccagg ctcccttggt gcccacaacc cagacacact cctccttgga 240
ctcttcccca cccctctccc tgagcctctc acccaggagc ccctcgtagc tctctgcctc 300

gggttttcagg agcccatgga tgcgcttcac agcccccagc tgggagctcc atgtctgccca 360
gggttcctca ccattccagt gaggtagttg ggagacctgt gggggagcaa gcca 414

<210> 1927

<211> 360

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. H42053

<220>

<221> unsure

<222> (1)..(360)

<223> n = a or c or g or t

<400> 1927

ttccacttct ttatttcagt ttatgtgaat attagagcta cgcnnacaggt gagatcagan 60
taaggcccggt taacaatgaa actgaagcag aggacttagt cctgatttct gtctcttgct 120
ttctcttttc tcttttttta atatgcaaac aaaaaaatgc aaaaatgaaa atgacaacac 180
aacatcagaa agacattttt ttaacttcat tcgctacaac agtcacgaac tgggttgaac 240
tctacctgcc atccaacttt aaggaaacgg aggacccggg cactgtggaa aaaggaaaca 300
aaacccaaac aaaacantgg atacaaggca actgcggttt taatggtaaa aatgggggggt 360

<210> 1928

<211> 368

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. H42321

<220>

<221> unsure

<222> (1)..(368)

<223> n = a or c or g or t

<400> 1928

taccgggncc tttctanttt tatttggggg cacacccgaa cgcagggccc tgacacctag 60
caagnaaggt gttggggcct cttggtggtg aagacgtggc ttgtgctgac ggcgaggac 120
ccggtgggggt cagcggaact tgatcttgga gtcgtggaac tgcttgacag accggccggc 180
ggcacttgct ggcccgcat ctccctccacc ttcattgatct gaattggagt ggctcgggcg 240
cgggtgccggg cacccatgtc tcggtagcac tgggtgacan cgcctncggt gggtcangtcc 300
cggttattccc ggtacangtt gtgggtgccg ctccgggagt catagcgcan cagatcccga 360
agttcttc 368

<210> 1929

<211> 380

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. H43286

<220>

<221> unsure

<222> (1)..(380)

<223> n = a or c or g or t

<400> 1929

```
cctatttgca cacgtccatg tttatccatg tacttncct gtgtaccctc catgtacctt 60
gtgtacttnc tncctttaa tcatggatt cttctgacag agccatatgt accctaccct 120
gcacattggt atgcactttt cccaattca tgtttggtgg ggccatccac accctctcct 180
tgtcacagaa tctccatttc tntcagatt ccccccattt ccattgcatt catgtactac 240
cctcagtcta cactcacaat catcttctcc caagactgct cccctttgtt ttgtgttttt 300
ttgagggggg aattaagggg aaaataagtg gggggcaggt ttgggaggag ctgggtttcca 360
tggggatagt tggatgagga 380
```

<210> 1930

<211> 301

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. H43646

<220>

<221> unsure

<222> (1)..(301)

<223> n = a or c or g or t

<400> 1930

```
aagccnttgc atcattttta ttttcaataa aagtgaattg tcttttacia aaccatggcg 60
tcctggnaaa gttgcatcac tggggcggct tctggccaag gaagaggctc ttggtggaga 120
ggactntgaa gccntcgga ggtntgccc cgggtgtgct gtccggcgtg gctgccttac 180
tgacttcacc ctgcttcttc ttggatttcc gggccccttt cttgcctcct gcttttttag 240
atacaggctt cttctgggga tggagacttg gccttttttg ctgggggggtg ggtgtgatga 300
t 360
```

<210> 1931

<211> 365

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. H46001

<220>

<221> unsure

<222> (1)..(365)

<223> n = a or c or g or t

<400> 1931

```
acgagtgaat anntgccaca gctccaggac ccaggagcgg gctatatact atcctcgaca 60
ttcagggccc agccggcacc tgaaactgcc ctggggatgg gcctctcctg gccaggcccg 120
ggcaaacgcc tcagcctccc ctccccgggt ccacatcggg ggctggagag ggagtggcct 180
ctctccactc cagggtgctgc cttaaagaaa atgggggacc atgccacact ggcgggcctn 240
tggaggggtc tgccgtgtctg gccgtctggc tctcgagctc ccccaacttc tttagtatta 300
gtaagtcagg aagaaaaggg gcaaagcagg aaaatgcctc ccagagcccc ttccccggag 360
ctgga 365
```

<210> 1932

<211> 397

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. H46486

<220>

<221> unsure

<222> (1)..(397)
<223> n = a or c or g or t

<400> 1932
gcaaaatgga aatctagacc tcctttcttca tccataagtg gactgtgcca gtacaataca 60
tgcctcagcc cccaagccta gaaggacctc tagtctcctt cctgtgtgga atcttcccca 120
ctccatccct cccaagttgc ctgtattgat aatgtactca ctcatgctgt actaggtgct 180
gaagcctggg acacccttgg tgggggtggg cctgtgggtg atgggttttg atccttcctc 240
ctttgtccca ataaagtatg gggagttgaa aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa 300
aaaaaaaaaa aaaaaangcg cgcccgnaag cttntttccc tttagnagg gggttaatttt 360
tagcttgggc actgggccnt cttttttana acgtcgt 397

<210> 1933
<211> 450
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. H46990

<220>
<221> unsure
<222> (1)..(450)
<223> n = a or c or g or t

<400> 1933
taatcatgtg atgatttatt tatattcttg gaaaatattt attttcaaact actcatatgc 60
aaagaaaagg atcagtttga gaaatcctga cctcaaaca ttcgaaatct tgtttgaaag 120
cgggggggttc aggtgtgctt ccacacactc atgagcgggg aatgacacag agtttgtaac 180
gtgggtgggat acagccaaac ccaatatgta tagggctgag gtcgatatcc tttgggtcaa 240
cgagaggctt caaattaaaa tgetgcaaaa tggcacacaa caaaagaaac aactccatgc 300
gagccagggc cttctccagc acacactcgt tttccngtgg gaaaatgggc ttgaaatagt 360
cactgtactt gaactttccn ttttcattnc aggaagtgtt ccggcttaaa cttttctggg 420
tccaggnaat tcttgggtgt cataccaaa 450

<210> 1934
<211> 407
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. H47357

<220>
<221> unsure
<222> (1)..(407)
<223> n = a or c or g or t

<400> 1934
tagagacggg gtgtcaccat gttggccagg ctggnctcaa actcctgacc tcagggtgatc 60
cgcattgcctc agcttcccaa agcattgtct tttattttnt attgttattt tntcaacatc 120
taagtattta ttaaggtgag tttttacaaa caagcatcta tccagtggtg cgggggtgagg 180
atgggagagg agagtggggc agcaggaaga tgaggattct catcttttga taataaagct 240
ccagggttca nccattgtg gatttcatag tccccagag acacatgggc cttaaaaatt 300
gtgtaccact tcttcaggac aatcttgttc caacgggtg ccagtttagg gctgcaatca 360
gcttcttaag ggtccccgat ggggnatcanc cctgttggca tttaacg 407

<210> 1935
<211> 434
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. H47391

<220>
<221> unsure
<222> (1)..(434)
<223> n = a or c or g or t

<400> 1935
gnttgccact ggaaaaccat gaaatgggga taattagtta actccaacaa tgtgagttgt 60
tttatgtgta tatcagatga caatatttnc tgaaaaaata cccataattc actctctata 120
aataaagctg taattcttgg ctataagaca gcagaccttg gtgtgagtat agtcccagaa 180
ttaatcatcc ttgtgcata caactcttta gcaaagctta tcaatttaag cagtctactt 240
tgggctcaga ttctaccagc ttacagctca ggatcaggta tctgatgctt tatttaattc 300
ctnctcaggt atatgctaata gggnggacac tttgggaatt cattctacac ccttggaaaag 360
gataattcca ttttttaaaa aggtaacagc tggctttcat actttaaata aaggntgggg 420
tttctatttg gact 434

<210> 1936
<211> 319
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. H47838

<220>
<221> unsure
<222> (1)..(319)
<223> n = a or c or g or t

<400> 1936
tctanagtnn ccncttttta ttacataatn ccttaccata aacagctggt gtaaantncgc 60
aaaatgcggc atttggtgac agtacctaga gccactcatt cattcgtnca acagtgttta 120
ttgagcagct gagctgggaa tgagaggcta tgtttgncgt ttttgacacc cctccccctt 180
ctgggccatc gcctaattac cgtggagcaa acggaatgca tgggttgat ttctaaaggg 240
cacaagcaga aatttattga aaatttgga ggcaggaaat ctttaagtga cttctgacca 300
cccttccttt tgtagta 319

<210> 1937
<211> 415
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. H48459

<220>
<221> unsure
<222> (1)..(415)
<223> n = a or c or g or t

<400> 1937
ntgantggaa ggagtaaaac tctttattca tagaacacat gactggtgat gtaatttaca 60
aaaacaccat gagaactcac agtttagcaa ggctgaagga tacaagttca acatcaattg 120
tatttctatt tactagcaac aagtggtag aatttgaaat tttaaaatac catttagcat 180
caaaactatg aaatgctgac atggtagacc tgtacactga aaactacaaa agattattaa 240
gagaaataga agacaaaaca ttaataccta gggtagacag accttggtta tagggccaga 300
aggacttcaa tattattaag gntggatcaat tctccaaca gttttattat aaattccaat 360
ggcaattctc aattcagggn gccccacggg ggttttttg tggtggtggt ttag 415

<210> 1938
 <211> 394
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. H49415

<220>
 <221> unsure
 <222> (1)..(394)
 <223> n = a or c or g or t

<400> 1938
 tacacagttt tgtttgctat tttcagggga aacttaggca ttcaactata agctgataaa 60
 ataccatacc taaaaaagta taaaagtata aatatccct tagaataaat tttagtgaat 120
 tgtcttaata tctttaaat taaaaaaaaa acacaacaca ngcctatcta ttgtatcaag 180
 gncaaaaatc aaacaatgct aaggggccag cagctcccca gagngtacac cctgagggcc 240
 cacagtggct gccttcctcc agagctctgc tggggaggac aggtcatccc atgggctaag 300
 tctgcctctc nggaaaggct tttataaatt gtctaaggcc aaacatttaa caggcataca 360
 aggggacctt acaaagaggg aggtgggtaa gtcc 394

<210> 1939
 <211> 443
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. H49417

<220>
 <221> unsure
 <222> (1)..(443)
 <223> n = a or c or g or t

<400> 1939
 tttatttaac acactaagggt aaatacatat cacatataaa aattgtccta taatacagcc 60
 agtgggggaa cataaaaata aatgcataac tttttaaaag gttcancna atgtggctct 120
 aaaattacct tgtgtatcca agagtctaca tggatgttt tggaaaatgc cagggttatgg 180
 tagctataaa ctgtccaggn acatgggagt gtatgcgtat gtttgcgcat gcgtggattt 240
 tcggaattac aaaatctgtt tgggagaacc gtgttccact gagttgacct ctgtagcctt 300
 tctaattattg ctctgtttga ttaacagatt ceettctaca ccccgatagg agggagtcta 360
 ctttaagact tcaccagggt nccagcctgt cccctgnctc ccccgaaacat tgccgggttc 420
 cgggtccng gggttggcag taa 443

<210> 1940
 <211> 318
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. H49637

<220>
 <221> unsure
 <222> (1)..(318)
 <223> n = a or c or g or t

<400> 1940
 tttattatct ggccatagta tttgggnaca ttatcaggta ccgatttaac accatgtaac 60

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ctctctttgac acagagcaac ccaaaaagaa aacttttaaaa tgtgcgacag aattaaatat 120
caagcttttgt catctaaant gtataaatat aaantatcag tcattttctgg aaacatctta 180
ngaaaatccg gcaaccacat gtccatgagt aggtgtctga tgttgacggg gcttacattc 240
agaacatatc acctcagaat ccaacacatt tntttttatg tcttnacca acacatgttt 300
ggcatatact gaacagcc                                     318

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<210> 1941
<211> 452
<212> DNA
<213> Homo sapiens

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<220>
<223> Genbank Accession No. H51340

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<220>
<221> unsure
<222> (1)..(452)
<223> n = a or c or g or t

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<400> 1941
gggctttctt tggccatggg ccccttcctt ctggaactgt gatgtagtca catcctacag 60
ccttttagtgc tggttcacta gtgtcagata atccttggaa tcgagactgc cgtggcggaag 120
gggtggcctc ggaggcaggc tctggagctg cttggatgtc tttagggtggg gtgggtggctg 180
gctctcttca gcatgtaatt ggggaaaccc tcgcgtctac taggggtgat acagatgggtg 240
attttaaaga gcaaaactag acttctatgt gagaagtgtc ggaaaatgat ttaggacatg 300
tgtaaagtta gatggaaaga ctgtaaatgt ttaatatgaa tanagtgtnc ttttgaagta 360
aggccagctg ttgaacgggt aaactgtggc atttgcgcgc tttgaatgtg ttcatgtnat 420
ggtnaatgta tgnaaatggt taaataaaat gc                                     452

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<210> 1942
<211> 266
<212> DNA
<213> Homo sapiens

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<220>
<223> Genbank Accession No. H52251

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<220>
<221> unsure
<222> (1)..(266)
<223> n = a or c or g or t

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```

<400> 1942
tttttaaaac acaggctatt catgtcacat aaatatcttc aactgtaggt tagctgctta 60
tggtcagcag aattatcaag tgtgactatt aagaataact tagatactgt cacttatagg 120
aaagtctaaa gctctaagac tcaccatatt aaaatttcag atacttgaat actgttgcta 180
ttttgctaata ttcaaaatat ttcttcatnt cctgcaatgt agtntataag tngttagtaa 240
tcaatattca aataaangca acatat                                     266

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```

<210> 1943
<211> 449
<212> DNA
<213> Homo sapiens

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<220>
<223> Genbank Accession No. H52673

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<220>
<221> unsure
<222> (1)..(449)
<223> n = a or c or g or t

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<220>
<223> Genbank Accession No. H53829

<220>
<221> unsure
<222> (1)..(345)
<223> n = a or c or g or t

<400> 1946
aataatctcc aagataaatt gaatccttac tatatgccag acacagaact actctattag 60
gtactttgct aagtaccttg gataacatta cttaattttt acaacagccc ctatgagata 120
gatattacta ctgccatctt atgatgagaa aactgaggtc cagagtgggt aagttctcat 180
aacttgctct tgaagctaaa agaggcagga tacaaagcca gggctctccc aactccagag 240
gctgtggggg tgcccagcat actctactgc ctccattgca ctgggtattt aggtgctttt 300
atataggggtg caaaccaagg gctatcagng catggggggg aaaggg 345

<210> 1947
<211> 437
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. H54285

<220>
<221> unsure
<222> (1)..(437)
<223> n = a or c or g or t

<400> 1947
gtgggtttttt ttaatgcaaa atataaaatg ctggcttggg aagaagattc tcttccaaat 60
cttgaacaca aaatcttcaa atgggttagtg atacaaatat ggcaactgag atacatcctc 120
cttatagcaa atgctaattg cttgtataca tcattgccct taaccttctc accaccccag 180
tgagtataaaa tttttaactc catttatcaa tgggctcaga gaggtcaatc aataacacac 240
agggaggaaa ggggacacga ttggaaccaa agccagagct cttaacctcc atgctgtaga 300
acgggaagga caagctaaaa agaaaccatc cacgggtgac agtttctggc catgccgagg 360
gttagccact tgggaattgt gntggaaaag tataggatag tnggcgttac cgacactggg 420
cntttaccaaa aggggaa 437

<210> 1948
<211> 154
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. H55437

<400> 1948
gtctgatctc agagctgaag ctggctgtgc ctggggccac atcgagcca aagcctgggg 60
ctccctgcag ggccctccag ttctctgcct gcacggctgg ctggacaatg ccagctcctt 120
cgacagactc atccctcttc tcccgaaga cttt 154

<210> 1949
<211> 467
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. H55759

<220>

<221> unsure
 <222> (1)..(467)
 <223> n = a or c or g or t

<400> 1949
 atttttccat ttgcagtttg ctgaagctgt ggatgcagaa cccatgaata tggagggcca 60
 actgtatttt gtaggcagtt gaaaacattg ccctggagct caggagatgg ctctggctgg 120
 agaattcatg ccaagggagc ctggcatttt cgtccgtcca cgctcctgag gtcctcctca 180
 aactccactc ccacatcaaa ctgcacagtg tagtttcgga aggtgctgag cgctcctcacc 240
 gtcattgtggg tgccctgggt gttcgatctc cttgtccggc ttcagcagag cgcgatcttc 300
 cgcacagcca agctgatgtc tgtgggggct gcttagggct tgcaggtagt cctccatggt 360
 cttctgcgag acaaagcggg agtagccagt gaggttgggg aggcattttt tggatgaagg 420
 ttcaggagaa tgcaggagac agggtnagga aggagggttt ttttttn 467

<210> 1950
 <211> 400
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. H56345

<220>
 <221> unsure
 <222> (1)..(400)
 <223> n = a or c or g or t

<400> 1950
 ncccttgact ttatttatct tcataagnca caaaatgtga gtgcagagat aaatgtctgt 60
 gtgcatgtgc cctgagcaac aggggtggcat aactcggcac actcataatg acacagccgt 120
 tcacccagcc acagntagtg acagggcaca catggcgaca cccacatgta cggngntaan 180
 tctccccac catgacatgg gtagacagaa aacacgccgc agtntactct agtntgttta 240
 cacaaacngg gagacaggcc cgtgcantgc atgttcacca acaccacan tcagngtgac 300
 atctgctgga ggggtgttcag gacacaggcc acccaccgtg gacatggccg agntttcaca 360
 tttnttcaca tggacacggg ttggtttgcc actttcantg 400

<210> 1951
 <211> 463
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. H56584

<220>
 <221> unsure
 <222> (1)..(463)
 <223> n = a or c or g or t

<400> 1951
 gcagttccag gctttttctcc agcaggagga gacttggtc agactgtcca gcaagtgggt 60
 ggcccagtgg aaaccaggga attcctgagg gcctggcctg gcctcctctc tccccacccc 120
 acctctagcc actggacata ctaccttttg tgcaactaag cttaaacagag gatttccaag 180
 ggtgataact ggggactggg ggcccttgaga tgaggaattt tagaagatat atgaaggcct 240
 aaaagatcac tatctttcat tcagggaat cagaaactac ttctaggcag ggggagggag 300
 gcaggcaggg gaaagtagga aagggcctgg ggcagagctg taatcctcag aacttgctcag 360
 ccttcagttc ccccttgtct gaactgaggc actgccccctc agagtccctc cagagccaag 420
 acaaaaccaa gacagcagga ccagggnttg ccantttttt ttt 463

<210> 1952
 <211> 248

<212> DNA
 <213> Homo sapiens
 <220>
 <223> Genbank Accession No. H56965

<220>
 <221> unsure
 <222> (1)..(248)
 <223> n = a or c or g or t

<400> 1952
 tttatatgat tgnaaactna tgggtccccag attgtatgga aatgcctagt ggcattaagg 60
 atgcggtagg atgtccactt ttagtagcaa ccgatgttca ttcactactc catgttaggt 120
 gctttacttg gattatctca cttaaaaacc acaacatttt atctctgttt tacaaaggaa 180
 gaaactagag gcttaaaaaga tttcagttat ttgacaaaaga tcacaagcta gtgggtgtga 240
 catgggga 248

<210> 1953
 <211> 415
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. H57056
 <220>
 <221> unsure
 <222> (1)..(415)
 <223> n = a or c or g or t

<400> 1953
 ntggatgtac aaaaagaaga tattttattg aggaagttgc aatgttttta catacatgca 60
 caatgcttac acaaattcag cttcgtgata atgcactttc atggagtcaa atttgcaaaa 120
 atgcataaaa tganntagaa ctttctaaac atctttatac aattttatacc ttcagtatta 180
 aaaatggact gaggaggccg ggcacagtgg ctcacacctg taatccctga ctttgagagg 240
 ctgaagtggg gcggatcact tgaggttagg agttggagac ctgcctgggc caacatagt 300
 aaaccctgtc tgtaggtaaa antacaaaat ttaacacttg agcccggggg gcggnagggt 360
 tgggagtggag ctgaggattn taccactggt cactccagcc cggggttgac aaagt 415

<210> 1954
 <211> 391
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. H57060
 <220>
 <221> unsure
 <222> (1)..(391)
 <223> n = a or c or g or t

<400> 1954
 ncagaaacat tttattgaca acagttccca acagagtctt tggggtcttt aagtggcagg 60
 tgcagcgtcc acaggcagag tgagggtctc tgaggaaact caccctaaat tccctaaccg 120
 gccgaggacg canccccagg cccctctcag gtgggcatgg cagtcccggc agcaccctct 180
 ctgagcagcc tgctgtgggg aagaagccgg gccggaagcc tcagtctgtg tgccagccca 240
 gctcatgtct cccgccccga ggccccagc ctntgggaag cccctgcctn taagggacag 300
 ctcgtgaaga cacaggaaca gtggttgggg gtgagggtct aggggaattg ggcagagggg 360
 ngcttnagca canacctgac ttcctggga g 391

<210> 1955
<211> 459
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. H57166

<220>
<221> unsure
<222> (1)..(459)
<223> n = a or c or g or t

<400> 1955
gcggaagtctc tccatgtttgc ccaggctgggt cttgaactcc tggcctccag caatcctcct 60
gccttggcct cccaaagtac tgggggttata ggcattgggc actgtgccag atattttttg 120
aaatccatat tttcttgaca tgaggtagct ttttagcagc atttcgggtg ctgttcccca 180
aacatagtgt tggttggcat gataccagat tggaggatat cctagtcac taggagaatt 240
atattttgtt gcagttgaag gtgctgttct agatatacta atgcagtggg agagaaataa 300
agcaatttga gaagaggcag cacttttata ggaaagaaaa taggataccc aatcccattg 360
ctgatcaatt tctctctact taagcaacat taggctgatt ttaattttcc aataagccat 420
taattaccna atttagggga ccaattccaa tttactggn 459

<210> 1956
<211> 374
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. H57709

<220>
<221> unsure
<222> (1)..(374)
<223> n = a or c or g or t

<400> 1956
gcaattttat aactttatatt ganctgacga tcagcgatta gttctcatcc acattgactg 60
tctgtaganc tgtaaaggaa gtaacagtca atttccatac ccacatcaca tttcatattt 120
caactctaaa aaccttttgt agacgggtct gggcattcta ttttccacaa cttttttaca 180
tcccagatat gggancagtt ttgcattctt taggcattctt cccacaccaa caatttaaaa 240
aggggtacaat gacgtgtgtc acccctaggc ttaacagatg aattcacatt ttaagngggg 300
aagggaacatt tttctaataa atttaaatgg gctttatggg gatggngnga acttactttt 360
ggaaaggggg gaac 374

<210> 1957
<211> 151
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. H57816

<220>
<221> unsure
<222> (1)..(151)
<223> n = a or c or g or t

<400> 1957
aaaaaggcta gaattaagct taccataaca naaaaagana atagatattt tacatggaat 60

gcaagagggg atatagttac taaccataca gaaatttttaa aatgtaattt tagagcaata 120
aatttgaact tttttataaa gacagatttc t 151

<210> 1958
<211> 384
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. H57850

<220>
<221> unsure
<222> (1)..(384)
<223> n = a or c or g or t

<400> 1958
atcatttttaa aaagggcttt aatactgttt aagtagttca aataggcttc ctactatta 60
atttgcttca gtaaaactctt cagcttaact cattatctta aatttcagaa ttaatgaggt 120
tttactgtaa aagtagaaaa gcaaacactt caaatgataa gactccagta tcaccatac 180
taaaanctta ggcaataaaa ctgcagtttg aaaagctact gtacaatgca gcaaggacta 240
gggtgtcaata ctgctggaag cgtagccagg gtaaagganc aggaaatctg cacagnttta 300
tcctgtggg ttcttagnct cattcggaan tacaggaact gcaatctcac aatggnaaca 360
aacatactgg cttnttaggg gggg 384

<210> 1959
<211> 338
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. H58673

<400> 1959
aatttatata ctgttttatt gatacacttc caaattccct ataattagtc tgcatttgaa 60
ttgaaatttc aagggtataac tataatttac atatttaagg agtcattggg tatttaagtc 120
ataatttcag taactgttta atttttctag ggtttgtaac ttgaaatatt ataccagct 180
tctgattttg tgggtctgatt gcaccataca cgaggatatt aagtgtagga aagaaatgag 240
ggaaatgggg tgagtgtctt tctgggtgga cagtttagtt ttcaacccta gaaagatgaa 300
acccacacca gggccacatt gttcagcagt gctgtgac 338

<210> 1960
<211> 409
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. H58692

<220>
<221> unsure
<222> (1)..(409)
<223> n = a or c or g or t

<400> 1960
ntctcttcag aagctttatt ctccctggga ggggcacacc tcaccagcc aagggngcnt 60
tctgactgga cagagggcgt ccaagatgca gacatggtgt gcaggcagga gggcttcac 120
tagccccca ggtgggaggt gctgtgcccc ngggctcaag agggaggggg cccagccac 180
gagggagggg cagggacttt cttctcacia agacctttct tcagtattcg aaggtcactg 240
tcttgaccgg caggtactcg ttcagagccg cctctcctag atctttgcca aatccagact 300
gtttgaatcc tccgaaggag ncggccacgt cgggtctgtt gtacgtnttg acaaacacag 360

tgccctgcctg ggagcttgct actgacatac agggccttgt tgaagtccc

409

<210> 1961

<211> 440

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. H58873

<220>

<221> unsure

<222> (1)..(440)

<223> n = a or c or g or t

<400> 1961

```
actataactt agtgtctgta tttaatattg acaaccacaaa atatatatan ttttnttgca 60
tctatacaca acagggcagg agtctccatg tnttcttgag cagtgagttt gcaggctccc 120
acaggccctc ttctcatggg aatagtgtgg ccctagtgcg aaggagacta gaacccggca 180
gccagactg gcccttcccc tctcctccct gcactccagt gcttcccaac tgggtctcagg 240
taaagaaagn ttantttgag tgggtgggta ggaagagatg ggaaggggca aatcctaagt 300
ggagcctgac ccctagagtg gggagttcca gggccagcag aacgggtggg ccatagccct 360
ncctggggnt agaagctttg tagttcatag ttcgattagt ntgtccntag ggcattnaggt 420
nccagcccta cagattagct                                     440
```

<210> 1962

<211> 326

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. H59136

<220>

<221> unsure

<222> (1)..(326)

<223> n = a or c or g or t

<400> 1962

```
ntttcagaaa actaccatth tattactthtt agcattagat acgtttacaa taaagaatta 60
tgtaaataga gcctaggagt tccaattgct agttgagaat cacctcaaga aaaatagaaa 120
atttgtagaa ataattatta aattttaaaa atctaagcct tttagacttt tcaaaataaa 180
aatttaagta tgctgccttc acagtgaatt taatgtgata agattttcat tcaaatgaca 240
ttatttctat ttaatgtttt aatacagtta cggcatgaaa tcaaatccca acttcttaaa 300
aaatgtggga gtttttnggg gatcat                                     326
```

<210> 1963

<211> 414

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. H59141

<220>

<221> unsure

<222> (1)..(414)

<223> n = a or c or g or t

<400> 1963

```
aaatanaggaa taataaattg atttaataat ttgaaagaac tgtaaggttt aggttttgtt 60
```

```

cttatttttta gtgcgactga gattggagtc tgtttgtaga catatctgaa aaaagtgaag 120
ggggagatgg aagatggtaa atgccaaagga aaagatggaa ggataaatca gtgtaataaa 180
aaggagcact tctttttcgc caacagaagt aaaggtaaag gttaagtgtc tgagttaacg 240
aatggattgt tgacctctgg ggagggtgct cccatcagct cagctttgtg acgacctaaag 300
gaatatccct tccacacctt tcctgatcca atcgttctgg gctgcataaa accacctaaa 360
tcaatcaact gttacacttc ccttagtgct aggggcatat tcctnataac tccc 414

```

<210> 1964

<211> 459

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. H59617

<220>

<221> unsure

<222> (1)..(459)

<223> n = a or c or g or t

```

<400> 1964
tgnnttcatt ntcaacatta aatgactatt tatttttcag gtttaaaaga tttcaaaata 60
catatgtaca agataaataa actacacaaa aattatgtca tcaaataat ttaaaaaaaaa 120
attcaaggta ggcaacttag atcaccttgg caaagaacac attaactang atgaaccagg 180
acaagtcccc taaacatcag gatgaaattt cttttctatg cctactagct gactggcctt 240
ccttttctgn gttgagttgt gtactctgga gtcaccagcc tctggtagat tatcaagcat 300
ctcttctca tcagcctttt gtttctgtct tgcattgctt tctgtccact gtctgggcat 360
tcttgaggaa ggctggctta ttatatataa attctgaggg tatgtcagcc tgagcggggg 420
catcaggggt ggggtccgac atgagcagcc gattagggg 459

```

<210> 1965

<211> 345

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. H60317

<220>

<221> unsure

<222> (1)..(345)

<223> n = a or c or g or t

```

<400> 1965
ggtgtacaaa tagacaagta gtttaataaa gcagaacaaa gagtctagaa acagactcac 60
agatatatgg tcaattttca acaaagggtg aaactggaca tcatcaaat taacctctct 120
ctgctctttg aaagacgctg ttggctgggc acagtggctc acgactataa tgccagcact 180
ttgggagact gagatgggta gattgcttgt gccagcagc tcgagaccag cctgggcaac 240
atggcataac cccatctcta caaaaantta ggctgggcat ggtggcacac gcctgtgggt 300
cctggggagg ctgaggggtg ggagggatag cctgaacccc gggga 345

```

<210> 1966

<211> 284

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. H60595

<400> 1966

```

aagacagagt ggactgttac aaatgatttt gcaaaataca aaaatagata tacttccact 60

```

```

gaatgcttta atcatttttc cgggcactct catcttttgg ttcttcctca tctgagtaca 120
cagtgggctc ctccccctcc ttcagcagtt tgcccacgtg atgatacttg aaagtgaact 180
gagactccca gtcactcaga gtctcctgct gggcgagtg aggtcagaaa ggatcatcgt 240
ctcatccttc agtgcttcct tatccgggga aaatgtgggc aagg 284

```

```

<210> 1967
<211> 409
<212> DNA
<213> Homo sapiens

```

```

<220>
<223> Genbank Accession No. H61002

```

```

<220>
<221> unsure
<222> (1)..(409)
<223> n = a or c or g or t

```

```

<400> 1967
ggcagagca accaacatct tgtaacttgc tttccccacc ctgtttcttg gggcagagca 60
anttgcccaa tttctaccct aatccaaagt ccctgggtgt ggtgggggta aacgtgctgg 120
tgcaccttag gtcacccaag agtgagcgcc aagtcctgag aaggggcaca gaactccctg 180
gaggggtggag atggagcacc tgccccccat ggcagggtac actctcccca cagccttcct 240
ccccaccatc cegtggggac ttttcgggat ttaagcactc gtctctctng ggaggccccag 300
acccactcc atttattagg gcacatcttc ctttcatttc ctaggtcaat tgcccntttg 360
tttttacagt tcctggcctg ctncctttga ncacagnttg ggtttacia 409

```

```

<210> 1968
<211> 317
<212> DNA
<213> Homo sapiens

```

```

<220>
<223> Genbank Accession No. H61295

```

```

<400> 1968
gaaccctcta agggacctca aaggtgattg tgccaggctc tgccgctgcc ccacaccctc 60
ccttaccctc ctccagacca ttcaggacac agggaaatca gggttacaaa tcttcttgat 120
ccacttctct caggatcccc tctcttctca cccttctcct cagtcccaac 180
tccttttccc tatttccttc tcctcctgtc tttaaagcct gcctcttcca ggaagacccc 240
cctattgctg ctggggctcc ccatttgctt actttgcatt tgtgcccact ctccaccctc 300
gtcccccctga gctgaaa 317

```

```

<210> 1969
<211> 401
<212> DNA
<213> Homo sapiens

```

```

<220>
<223> Genbank Accession No. H62212

```

```

<220>
<221> unsure
<222> (1)..(401)
<223> n = a or c or g or t

```

```

<400> 1969
nnnttcagtt gagagaagca agactttaat gaagaatgct acaagtatgg acaataatta 60
gttctcacct tttaaaaaaa gattacagaa aacactttac tgaaattttt tgctaaaaag 120
acagtcttta aggggtgtccg ggagagacag caagcacaac acagtacaaa aggagaaggg 180
aatgttgaat tccagtgtcaa gacacgaaca cagcacaatt agggaatcag gaggaagcaa 240

```

```

ccatttcaca aggaatgaaa ttagggcatt tatattcaat cggatttttt ttaagcttta 300
aaagtccagc cataagggaa ggggaattgg gggaaaagag gcngggggac agggggcagg 360
ggatccgggg nactagtctt nttctncaat caccctttta c 401

```

```

<210> 1970
<211> 323
<212> DNA
<213> Homo sapiens

```

```

<220>
<223> Genbank Accession No. H62474

```

```

<220>
<221> unsure
<222> (1)..(323)
<223> n = a or c or g or t

```

```

<400> 1970
caaatacagc tgaccagaag gcctaaaaac agcccagact ctnccaaccc tcatgcatct 60
gtagatagaa ggagagctgt ggncttgctc acacacaggg gagcccttct nagaaganct 120
gcctgnccct tggaaggtn c agagtcttg gcccagcagc agagaggagc ccaacctgcg 180
tgggacaacc ccttgagggc agcccttggg tcacagctgc tctgggggtg ggcagcaggg 240
tttaaggttt cataggttca catgtnccca ccacacaagt caaatcaagg gcatgaaaat 300
aaaaggggna aaagggggna ggg 323

```

```

<210> 1971
<211> 372
<212> DNA
<213> Homo sapiens

```

```

<220>
<223> Genbank Accession No. H62838

```

```

<220>
<221> unsure
<222> (1)..(372)
<223> n = a or c or g or t

```

```

<400> 1971
ttttagaaaa tttattatga attccgagaa gtctgctcat catatacctc cccagcccc 60
aaataaaaaca aacaacatgt ttgtacataa agcctgggtt tacttggnac aaaatttgag 120
tctttgaaaa aaatagttaa tggnaaatct caataaaaaat tcattttgaa agtaaccngt 180
actgttcagg aaataagggg ngtcagtgtta cttgaggang tcaaacagtt ttattacagg 240
aactatgtgt atatatatttg gggnttaaaa cttgccnata ggctgttttg aaagggntag 300
gtcataatt tattccnaat aggggtatttt nttaatcnaa tgtttttggg gttatcnacc 360
ataaccccnt gg 372

```

```

<210> 1972
<211> 236
<212> DNA
<213> Homo sapiens

```

```

<220>
<223> Genbank Accession No. H63251

```

```

<400> 1972
aaatacttgt aaatttcata tttattgtaa caaaaattat gacatgtcca tttgtgcatt 60
ctgcttgagt ataactctgg gtatgtaaat ggcctaattgg ggcactatac aacctgctg 120
attgtggcag cagtaaggaa cacagttaaa agtgtctgtc aaagtgggaa ggctgggaca 180
ggggaggaaa atgggttcag ggcccttggg tgcaggttct tgtccagtgg cctaag 236

```


<210> 1973
<211> 370
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. H64493

<220>
<221> unsure
<222> (1)..(370)
<223> n = a or c or g or t

<400> 1973
gggtgcttta tttccatgct gggcgcccgg gaagtatgta cacgggggtac gtgccaagca 60
tcctcgcgcg accccgagag cccgggggagc gggngcttgc cggccgtcgc actcatttac 120
ccggagacag ggagaggctc ttctgctgta agcggttgtg cagagcctca tgcatacagg 180
agcatgagaa gatgttcccc tgctgccacc tgctcttgtc cacgggtgagc ttgctgtaga 240
ggaagaagga gccgtcggag tncagcatgg ggaggcntgg gtntttagt tnttctccgg 300
ctgcccgcgtg ctttcccant ccacggggcga tgcgctggg ggtagaagcc tttgaacagg 360
gaagtcaggc 370

<210> 1974
<211> 385
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. H65030

<400> 1974
ttaatcctaa ttgtatttct ctattcctga agagttctgt aacatgatgt gttgattggg 60
tgtgttaatg ttgggtccctg gaataagatt ctcatactct ccttcaatca agcagtccca 120
ctgatcaaaa tctttatgaa gtcctaaatg cttttgtaag aatgctaag aagctttgtt 180
gctaaggatc aatagctgca tttgaatcta tgtctccctt taatttgagg catgtgtcca 240
attattttgc cagttgcaa aggtgaagtc aggcaaaatt ctgggtggga ctggaacccc 300
tggattggta atcatcttct tttctttatc ggggtgaggta ggccattttt ttcattttta 360
tggatatagg ccgggggtatt gggggg 385

<210> 1975
<211> 314
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. H65042

<220>
<221> unsure
<222> (1)..(314)
<223> n = a or c or g or t

<400> 1975
tatttattga acaccggctg cctagcacia gctgtaccng tgaatacaaa gaaagccgaa 60
tgatacagcc cttacctttg aggaacatgc atttgcaatc cctggggcac agaggccaag 120
agcaggccgt ccctaacaat gttcttgctt caagcccagt agagatggaa gcctcaggac 180
agctccttct ttaacgcaga ggggttggtg actctagtgc cagggctccc aatactgcag 240
tgaaaaggaa ttttgtccta tccggccaag gcaaaaaaaa aaaggaacag tcaaaagatt 300
gacgggacaa catg 314

<210> 1976

<211> 459
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. H65650

<220>
<221> unsure
<222> (1)..(459)
<223> n = a or c or g or t

<400> 1976
ttgataatca atagaacatt tactgaccgt atactgagca cctattctat gcctaccagt 60
gcttttttaa aacctgggtg agggctggta tatcgtcttt gaaaaacaat gactataaaa 120
gctacaggaa aggtatttct ataaatcata acatgattca gtgtaaggga gtatcaggca 180
cttggtccac gccaggtgct ctgttaaagt agcagcttta ttctaaaagg ctaatgtgga 240
tctttaaaag gtttccgtaa ctgggagaac ccaggttgaa caggattttt ctcaccagca 300
tggctacacc agctttgcag tggcagantg agctgcagag gtttcctctc tgctttacaa 360
tcccttattt gaagtacacg cgtcgcaatt tcagggtggc cctcttgggt cctagcttgc 420
aactcggcct cccagcttgt cacaggctgg gtccgggggt 459

<210> 1977
<211> 413
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. H66367

<220>
<221> unsure
<222> (1)..(413)
<223> n = a or c or g or t

<400> 1977
tgtgttagac atactaatag gtgcacagtg aaatacttat tgttgattgt ttaaaaataa 60
agtttttagaa aaccttttca aaagtcagag tttaggccag ggcacaggct gacacctata 120
atcccagcac tttgggaggc cagggcgggc agatcacttg ggtcaagagt tcaaggccag 180
cctggcaaca tggcaaaacc ccattctctac taaataaaat acaaaaatta tccaggcatg 240
gtggtgcatg cctgtaatcc cagctacttc gaggtttgag gcatgagaat tgccttgaac 300
cggggangca gaggttgcag tgagctgaga ttcttccac tngcaattca gncttgggag 360
accttaattc aaatctattt tgggtcttat attcttctta tggtttgtn g tta 413

<210> 1978
<211> 369
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. H66840

<220>
<221> unsure
<222> (1)..(369)
<223> n = a or c or g or t

<400> 1978
aaatcagaac atcaatatga ttcttgagcc tttaccttca ttttaatgag aatgcagtca 60
acagtaaatt atgacaagct atagtggttt tatcttcaaa tattttacatg gacaccaaaa 120
acacctttca ggactactcc ttaaagncac tcgtccaaac acatccatcc atctgaggcc 180

```

aagacacttt tcatgggaat gcaatgaaac tatgaagggtg aatgggaaga gagatgcttc 240
agtctctcaa agtgcagtca tgagttttatc tcgntacatc atactttgca tccctcctaa 300
ggttccttct gggttctggg tcgtggggca taattcaaaa tggggctggt ccttcttcca 360
ctgggcccg                                     369

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```

<210> 1979
<211> 440
<212> DNA
<213> Homo sapiens

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<220>
<223> Genbank Accession No. H67094

```

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<220>
<221> unsure
<222> (1)..(440)
<223> n = a or c or g or t

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```

<400> 1979
aatgctatct taatctaacc ttatcatctg agctgctaaa tctttcaccc caaaaagtta 60
ccacatccat ctacaatcat ttgcagtggc ccttcagctc cttcccaacc atttctcagt 120
gaatagactc aaatgttggg tgaaactcac tgtaaacgaa catgggggtat atctgtgacg 180
gaactttctga aagccatttg tctaaataat tctgtcttta tacacacatg gcacaggggtg 240
catggcacag agagggacag gggaaacgggg gagggctgtc atgggctatg atccggggct 300
gacagggaaa tctataagga tgaggaaggg tgaggaaaac tgtcaggga atccacattt 360
tccaggaaaag gccggggcac taatggatgg ctggcccntt cgganttttt gttaacagnt 420
ccncgtttt acggagngtt                                     440

```

```

<210> 1980
<211> 419
<212> DNA
<213> Homo sapiens

```

```

<220>
<223> Genbank Accession No. H67840

```

```

<220>
<221> unsure
<222> (1)..(419)
<223> n = a or c or g or t

```

```

<400> 1980
gagctgcaga cactagacat ttctaccaat cgtttgctaa ctttaccga gaggttcac 60
atgtgccttt ctctgcagta cctcactgtg gaccgaaatc gtctatggta tgtgccgcgc 120
catctctgcc agctgcccag cctcaatgag ctctccatgg ctggaaaccg tcttgcatth 180
ttgccacttg atttaggtcg atctcgagaa ctacagtatg tatacgtgga taacaacatt 240
cacctgaaag gcttgccatc ttatctgtac aataaagtca tcgggtgcag tggctgtggt 300
gctcccatth aagtttccga ggtgaagctg ctttcctttt cattcagggg cagcgaaccg 360
tttttctctc cagctggagg tgaagggccn taggggacgg gagcatgggt cacgttcct 419

```

```

<210> 1981
<211> 321
<212> DNA
<213> Homo sapiens

```

```

<220>
<223> Genbank Accession No. H67964

```

```

<400> 1981
tataataacg aaataaaaag aacccccccag ctgccaggcg gggttttggtg tttgaaatgc 60
ggggcaaagc actacatcac tgcaaataga tacagagtta gtctgcatgt ctgtaggctg 120

```

tgtgattgcg gaaaatataa atgctgctaa tatatttcct ttttacaaaa gcatactctaa 180
 atagatgatt gttttgatgt taatctttgt aaattatgta ttaccaattt taacattggg 240
 atgtaattgc atacaaagct tgcattctcaa tccttgaaag tctagtatta aatgggaaaa 300
 aacttttcct aaaaaaaaaa a 321

<210> 1982
 <211> 291
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. H68097

<220>
 <221> unsure
 <222> (1)..(291)
 <223> n = a or c or g or t

<400> 1982
 tgaagtttat ttncctctggc agtatgtttt agtttcttgt ttttnatttt gttgtgtgtg 60
 tatgtgttgt agattttatg atttgagggt accatgaggc ttgcaaataa cataacatgt 120
 tattttaaag tgacaacttg aacttgattg caaaaacaaa cagggcgaag agaactaata 180
 aaaactgtac actttaactt cattcctcct gtttttnaag gtttttatgg gtttctattt 240
 atatctcctt gtactatttt gaaaagggna ttgcagggtta tcatttggtc a 291

<210> 1983
 <211> 407
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. H68239

<220>
 <221> unsure
 <222> (1)..(407)
 <223> n = a or c or g or t

<400> 1983
 aattttaatt ttattttttt acaatgtacc atgaacatct tttccatgca catgggtgaa 60
 aatcctctac taaaatatag agcgccgtag ttgggtcaaa aggctgctgg taacgagact 120
 gacatctaaa gcaaagtatc agcttaaggt taaagcattg ggccctggcaa atacctacca 180
 gggaaagcag ggccagcant attctcatca gagaantcag attgganggc caaagnntta 240
 aaggtatggg ttatcgtgta agccctctctg gccctacct ccacccctca ctccctgac 300
 accccgttgt ccccttgggg cgnattgggt cctgtacatc tctttgccat ccnatganaa 360
 ccaccnttt tctgtttttt ccttagctcc tcttgagccc ttgncac 407

<210> 1984
 <211> 282
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. H68794

<220>
 <221> unsure
 <222> (1)..(282)
 <223> n = a or c or g or t

<400> 1984

```
tccatgccca tcagggttta ttgtttctgt aacagcggcc acgcctgggg gntgngtggt 60
gcagctggag atctctcagc accttgggtt gggggcgggg ctgggcggga catgggatgg 120
aggcgtgct gtggcagaca ggggtggacct tggggcctgc aggaggagat gagttcggcg 180
gccacagtgg cccccagcag cagcagcagc agcngaggt tcagcgggcg cgntcaccgc 240
accaggtgga aggtgagcca gtacatgagc ataggntgcg cg 282
```

<210> 1985

<211> 486

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. H68953

<220>

<221> unsure

<222> (1)..(486)

<223> n = a or c or g or t

<400> 1985

```
caatgtgctt gtctagggttc gctattgtga gaatcaagtt gatatttacc taacctatat 60
cctccacaaa agcagacagt ctggctctgc tcttctttcc tccatcctta gcccacagca 120
cagaaactgg cacattgcag gtgctttttg ctatgtcagt tcttcacctg cttaaagagg 180
tcaggaggga cagtcttcct gggcgactcc tggcctcagg aactcagatg tgtgagcctc 240
gcccataaga aacaagggtg aggaccctgt agggcaggaa aatcatgtta acagctttgg 300
cgtggggcac tccccaggga taggcacagg agctgtgcag gncaagtaga aaagagcact 360
gggagaacgg cccagtttca cagaagagga ggcagcaagt ctgccacatt tttgttatta 420
ttgctggaaa tttgtttcat tcacttcgac agtttcagga attaaatatt aggggnagatt 480
tttttt 486
```

<210> 1986

<211> 452

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. H69138

<220>

<221> unsure

<222> (1)..(452)

<223> n = a or c or g or t

<400> 1986

```
taggataaca ttattttatt atnccctttt atcaaagaag gtaattgata cacaacaggt 60
gacttggttt taggccccaa agtagcagca gcaacattaa taatggaaat aattgaatag 120
ttagttatgt atgttaatgc cagtcaccag caggctattt caaggtcaga agtaatgact 180
ccatacatat tatttatnnc tataactaca tttaantcat taccgggnac tgtttgtntt 240
gtaggtgaac cttgagggtat gtgctgttaa tataccaaat tggggtgaaa aaataagggg 300
attcctttca aaagggttaag aggaaggtaa ggtgtggtaa ggn cattatt ttgcttatta 360
aatgttcggg taaatggggc ttntcttgn cggtaaangg ggggaataag gcnaaaaaana 420
ttggggccaa ggcccnttaa ggtagggggg tt 452
```

<210> 1987

<211> 485

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. H69565

<220>
 <221> unsure
 <222> (1)..(485)
 <223> n = a or c or g or t

<400> 1987
 tgggtatctt ttttatttca aaataagagg ggttttaata tttctacaca gcattagata 60
 atagcccaaa catattattg atccccaac aagtattttc cagatcaatt aatagtcatt 120
 atcaattaat attcatgtct acctgtctga gcaatggatt agaaacatta taagtttcat 180
 tttatggaag agaaagcaga ctaaaagtct agggatatga tcatattggtt tctggtttca 240
 gttctgacac taacaaggca atatccttgg ggcaagttgt ttaatctttg ggggccttat 300
 ttttctcaag tagaggaata acgaagctgg gatctcatgc tccattccca tctcttncct 360
 accccccatt atttcataag gttttcttgg cccctattta tggccctagg naaattctag 420
 gatcaggnga ggtncgccgnc ccattttcag gagtaggagg agggccgggg gctagggtgg 480
 cgnaa 485

<210> 1988
 <211> 408
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. H70485

<400> 1988
 gaatttgctg gctggcaggt ttgctttgct taatacattg actgcaacac gcttattggt 60
 gtgttggtag aataagacat acgagaatat atatagaaag gccatatgga ggtttccatg 120
 gaaagattct gatactccat aactctgctg ttcagaattt cagctgattg cctgtagttg 180
 gtgcagcgaa cggaacgctg gtggcaggtg ttgttgctgc agacacagtg gtaggtgtag 240
 caccgtgcat catggggcac tgcaggata aatgccggct gtggggagct gcaggttagt 300
 cagagcctgt tggcagtggtg aaaacagtgg ggattaaaga ccgggggtggg caccattggg 360
 gctttttcca gtgctgatct ctttgggtat cagttgcagt gtaccagg 408

<210> 1989
 <211> 243
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. H70554

<220>
 <221> unsure
 <222> (1)..(243)
 <223> n = a or c or g or t

<400> 1989
 caaaatacat gtttttatat tttaccatat gttcacattt acaagangtc tttataactc 60
 tatatggctg taagttacta tttcctttca ttcaacctga attcctccct tcagcatttc 120
 tttgagagaa aaaataggaa aattagtgat tggaggtccc tataaaattt tcttacatct 180
 caagtgttcc tgaaatcagg tgtttgggct ttatgaaatt ctgagtaact ttttttttaa 240
 caa 243

<210> 1990
 <211> 314
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. H70627

<220>
 <221> unsure
 <222> (1)..(314)
 <223> n = a or c or g or t

<400> 1990
 atttagtgct ttttattaac agtattacta aggcaactca tcgatgctga agtcccatcc 60
 agtatgctat ttttcatgcc tcaggtctaa taaatcttaa taaaaccaga atgactagat 120
 gctatggtct gaatgtgccc cctcccaccc aattgataca ttgaacccat cactgatgta 180
 gtattaagag gtgggggtctt tgggcaggtg attaagtcag gagagantat ccctcatgaa 240
 ggggattaat gcccttataa aagaggctgc gggctgggtg cagtgactca tgcctctaata 300
 ctcggcattt gggg 314

<210> 1991
 <211> 182
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. H70739

<220>
 <221> unsure
 <222> (1)..(182)
 <223> n = a or c or g or t

<400> 1991
 aactttaatg tcgaaaatgc aaacttgggg agagcagaaa gatcacacac aaggctgtca 60
 cctcacactt ggagggttgc acagcgggcg agcagaggcg ctcctcactt cccagacagg 120
 gcggcggcgg ngcagaggtg ctcctcactt gccacacagg gcggcacttg gcagagtcgc 180
 tc 182

<210> 1992
 <211> 280
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. H71169

<220>
 <221> unsure
 <222> (1)..(280)
 <223> n = a or c or g or t

<400> 1992
 ttgaaaaact gaacaaacag aagtgatttt atctaataca gttccaagggt agaaaaagtg 60
 gagcaggcag ggcttgcacc cctctccacc ccccatggg ggtngngttt agncggcaca 120
 tacacaatca tagtaaattg gcagaagaaa aacacantag attcctgggc tagatgggga 180
 gagataaggc antntgcatg ggggattcag aggggagntn tgagcccctc tgctcctccc 240
 acaagagttt ccccttttggg ccgggcacgg tgggcttcac 280

<210> 1993
 <211> 381
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. H71861

<220>

<221> unsure
 <222> (1)..(381)
 <223> n = a or c or g or t

<400> 1993
 aaagctttttt attgattgaa atgaaagaca ttttctgaaa tgctacaatt accatttcag 60
 ggcttcagaa agactgagat actggcattt aacaagatac ttagtggaca agagatcaca 120
 aaataaaaca caaaatgaga cacggatgag ttcatacgta atggctttta tattaccttg 180
 gatataattc tttatatcac tactgcatat ttattacagt atttctaaac acaatttgaa 240
 aaaaaganac aaaganacaa tcttggnacc tcataattta gnccaaaaga tatcagnaca 300
 aatagngcca ccaaatatcc atcttaaata ctgtgtacat ttaacagnaa taatcntaca 360
 tgacaaatgg ttcaaatttg g 381

<210> 1994
 <211> 470
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. H72650

<220>
 <221> unsure
 <222> (1)..(470)
 <223> n = a or c or g or t

<400> 1994
 tgcagcattt tccagtcaca tatcagggtt atactgnact gcaacaaaga tcaactttta 60
 aaaattagcc ttcttaaaat acaaaatgat ttaagtattt taaagataat ttatttgcct 120
 tgctcttgcc ttctaacatt agccatttca tggagaggct aaaacttata ctccaaaaaa 180
 tgtggaagca cattttaatg ggagtaaaat taaaaaattt tgagaaaagg taaaatctta 240
 tgaatatgca tcttcttagc tttatcttcc ctttgatagg taggcactta tgctcttcca 300
 tctgctcaaa tagggctcag ggaagccagt catttcctta gcgagatgat tactccttg 360
 gcctttgaaa cntttatttg ggcccacat gtttgggntc cagtgtgtgg tagtgagtcc 420
 tactcccaa tcaagtattc ccaagtcttg ggctttgggg acccgtttt 470

<210> 1995
 <211> 367
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. H73484

<220>
 <221> unsure
 <222> (1)..(367)
 <223> n = a or c or g or t

<400> 1995
 ttcaacaagt atttattgag tgtctattat gtgctagata ctgagacaca tcagagaaca 60
 aaaccaaag cctgcccctt gtcgggctta cagtctagca cttaccgcca gttaacctgc 120
 aggctacctg gggccccggg caagtcaccg cactctgtg cctcggtcct cagctgacca 180
 atggggagant aagcagacct gggntcagac atgantcatg tgcttggtgt actgcagatg 240
 ccaaaactgca tccccacaac ccaccacgta ggacagcaga cagggtgga agttgntttt 300
 taatgataaa gtacantgan gggagggcag agaggctaag nctaggctgt ctgggggtgc 360
 tgtgggt 367

<210> 1996
 <211> 391
 <212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. H73535

<220>

<221> unsure

<222> (1)..(391)

<223> n = a or c or g or t

<400> 1996

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gaggattgaa aaattatctt tattatcttg agtgggagct ggagctggaa gtctccactt 60
nctccctcca acaactcagc tcccattgta cccatctggg gacttagatg aagttacagg 120
tcagttattg gacagctcac aggcctcttg attcctagga gtcaataaga aggctttgga 180
gtccagggca ggaagtcagg gacttgaatt cctccacaca cttttcggga ggatgtggtg 240
agcgattgta gaggagaaa agctggtaac ccgggcctgt ctcattcagc atgattccac 300
ctggggcatg agctgggaaa agagctcagt cttcatgtca ggggcggcct tcagttctga 360
gattctgtgc tcccttcagt caggtggtag a 391
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<210> 1997

<211> 393

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. H74317

<220>

<221> unsure

<222> (1)..(393)

<223> n = a or c or g or t

<400> 1997

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tttttttttt tnggattcat tcagcattta ttgtagcaaa gagtgggnag ggacaggagc 60
tctaggactg gccagtgggt ntncatagagg ccagctgggg ttggaagaca atggnttgga 120
cacttcactg ggtggcaggc tgtgtnccaa gtnccacgaa atagctcaag aagttaacca 180
gtnccggttc agccttcttg ancaggggtn tcagctgctc ctttgacttt tcaaagtaag 240
acttgccctc ggcctgaaaag ctctgggctc ttgaccttct ccacaggtc cttgccatag 300
tcagtcacgg tctggaagta ctgagaaacc agggctctcc acacatgggc tcctttgcct 360
gtctccgaac ccaaagctcc ttcaaggctg cag 393
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<210> 1998

<211> 451

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. H75933

<220>

<221> unsure

<222> (1)..(451)

<223> n = a or c or g or t

<400> 1998

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agaagtacaa ctcatgtcga gacatgtatt tattattatg ctttgatatg caatcccagg 60
nattctgatc tggagtaaaa agcaaactaa atgaagacaa cttttagaaa ctgatgttta 120
ttttccatca accatcttnc catgctgctt aagagcctat gcaagancag cttaagacca 180
gtcagtgggt gctcctaccc attcagtggg cctgagcagt gggagctgca ggaccagtct 240
tccgtgggca gggctgagcg ctccaggtct tcagtagggg aattgctgaa tagggcacag 300
agggcacctg ttacaccttc aggaccagtc tggcaacctc agggctgagg taggcagtgg 360
```

aacttcaggg agcgggggaca ngttccattt caccctggaa attcctcctt gggtcactgg 420
 cnttttnagg caggaagcct gttnttattt t 451

<210> 1999
 <211> 348
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. H77494

<220>
 <221> unsure
 <222> (1)..(348)
 <223> n = a or c or g or t

<400> 1999
 aanttgattt tttttagag atgggggttt accatgttgg gtaggctggg ctcaaactcg 60
 tgagctcagg tgatccaccc gcctcagcct ccaaaagtgc tgggattaca ggtgtgagcc 120
 accacacctg gccaatgggc atnttctttg gttgaatttt aaaatattat tttttatcat 180
 ttaccatttt ctagggcatt ttaagaccca atttattctg ccacaatcat gtcacagaa 240
 tagtcaaagt aaatgacttt catttgaatt ctcactatta agatttaaaa ttgtggaaaa 300
 ctaaagtggg gattggagta gactgttagg gattagntcc taggatgg 348

<210> 2000
 <211> 317
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. H77597

<220>
 <221> unsure
 <222> (1)..(317)
 <223> n = a or c or g or t

<400> 2000
 tcaagtctaa gtgtttaatt attattcaca tatttcacag aaaaaaagga atgtagcaaa 60
 tgagtcggag ttgtagaaaa aaaaaatcct ggnttttacg tgtcattctg ttttcatctg 120
 acagcagggc tgtcccgaca tcaggcacag cagctgcaact tctctgacgc ccctttgcag 180
 atgcagccct gggcacactt gggcacagcc caggggnaaa caggagcagc agcctggggg 240
 aaaaaggag agagaaggtc acaggcagac ttnaccaggg ganctccctt tcccaacagc 300
 aggcctgggc tcaagct 317

<210> 2001
 <211> 271
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. H78211

<220>
 <221> unsure
 <222> (1)..(271)
 <223> n = a or c or g or t

<400> 2001
 tcatttttct aaagctttat ttattttata aaatgcatag aataaattat actagtaaca 60
 ttttaaaaat taacatcttt gtttcagca gtcctgggtc aggaggcagg nngnggggtgg 120

nggggacggg atgggtcact gggcagctaa cccgtgtagg ccacttcctc ctcgctcactg 180
ccatcggggn cgcggtctgt cccaaagtag cggctgccaa agttcccaag ngcctgggat 240
natgcggaag aggtcattga cccgnttgct c 271

<210> 2002
<211> 373
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. H78323

<220>
<221> unsure
<222> (1)..(373)
<223> n = a or c or g or t

<400> 2002
nattgttaaa acattctcta tatttaattn caattttata atagattaca ggaagatgct 60
tatgaaacaa atacatttgt ttccagtacat gtcttttaaat gatagactta taagtatgta 120
aacaactata taataaangg tttccaaacg ctgcctgtaa gaaatcaggc aanttttacc 180
atangcanta aaccattcca agccttccag acagtctcca tagccgcacc agcatgggca 240
atangcttta accaaacgaa aacaaacaaa caaanggcac ttcggcantt tgttgcgtgcc 300
aaancggggg gaggaagagn gtgtacacaaa ctttgntggg gntcccaneg gtccattttt 360
ttttaggggg gcc 373

<210> 2003
<211> 465
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. H78628

<220>
<221> unsure
<222> (1)..(465)
<223> n = a or c or g or t

<400> 2003
gatcatcagg ggttgtcaag gcctgaacgt gatgggctgt gatcttgctg aagtttccacc 60
accgtatgat ctttctggga acacagccct gctggcggtt aacctgctgt ttgagatgct 120
atgtgctctc cccaaagtga caaccgtctg agtcttgctg tcttcaagac aaaacagatt 180
gcgtcgctga caagtcttca agaagaactt atgagtaagc agtctgagaa ctaaagagtt 240
tatgccaaga aaactttctg ctgaaaagtgt cattgctggc tgtgaagtcg ggataatcag 300
tagaattctc acccaaacag caacatttct taagggaact tnggatttaa ttggggggga 360
aaaaaaaggg agtacntgta actngctttg attttttttt cctttggatg gaaagatggg 420
aggggttaaag ggtaagttag ggagnatttc ttttcaagtt atcta 465

<210> 2004
<211> 380
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. H79820

<220>
<221> unsure
<222> (1)..(380)
<223> n = a or c or g or t

<400> 2004
acacattcaa tgagtttaggc tttgcacttg taaggaagga gaagcgttca caacctcaaa 60
tagctaataa accggtcttg aatatttgaa gattttaaata ctgactctag gacgggcacg 120
gtggctcacg actataatcc caacactttg ggaggccgag gcgggcggnt cacaagggtca 180
ggagttcaaag accagcctga ccaatatggg tgaaacccca tctctactaa aaatacaaaa 240
attaggccgg gcgtgggtgg gcagggtgcc tgtagggtccc aggctacctg tggagggtgg 300
gaggatttgc attggggccc aaggntcttc aacactggca cttccagcct gggggcaaca 360
gcgttgagga cttcccacct 380

<210> 2005

<211> 332

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. H80901

<220>

<221> unsure

<222> (1)..(332)

<223> n = a or c or g or t

<400> 2005
aatgatttta tttttaaatg tggacaggca agcagaggtg gttggcaaag gcaagggtggc 60
tgacgatccg gaagctgtac aggagagata agggcactgg ctgccagagt gccctatcga 120
agcatcatcc gaaccctgcg gttaggggtgg ccacaccac ggcctgaggc cagttcaatg 180
ccatatttgt gggcggcact caggacactg catagcgacc attgagattt gatcggtaac 240
aggatgcata ccaccaggca ccgtggacaa tcaactgcana gttgctgttg cttgaatcgt 300
ggtcagcgtc ataggtgggt aaagggcctc cc 332

<210> 2006

<211> 340

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. H81070

<220>

<221> unsure

<222> (1)..(340)

<223> n = a or c or g or t

<400> 2006
cagggtctaaa gtgtttaatt atcactcaca tatttcacag gaaaaggaat gtagcaaatg 60
gggtcaagggtg gtataaaaaa aaaatccagg ttgtacatg tctctctgtt tacatctggg 120
agaaagggttg tcttgggcat cagtcgcagc agctgcactt ctctgacgcc cctttgcaaa 180
cacagccctg gggcacactt gctacagccc acgggnagnc agggagcagg cagctctttc 240
ttgcaggagg gtgcatttgc ctctttgcac ttgcgggaac cagcgcggtg cagggaggac 300
accagcggcg cagggagcag ttgggggggtc cattngcaag 340

<210> 2007

<211> 419

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. H81413

<220>

<221> unsure
 <222> (1)..(419)
 <223> n = a or c or g or t

<400> 2007
 ngagccagaa aaggattttt ttttaattcaa gtaactgaaa taggaaacca gaggggggagc 60
 cccaggctgg gataaatcat ggctacccct ccccaacaga acagggggag gaggtggccc 120
 ctacacccat tatggtcgat tcgggcccc ttgctcactc tgctgcagca tcctagaggc 180
 agggcccccac cttccctggg actggggtag tcggtcaccc agcctgcatt gccccagccc 240
 ctnttcccca caaagagtat cttgggggag ggnttcgtgg ggcagaacag gagggcaatg 300
 agggatgaac attgctcaaa ctcctttcaa aggggcacct gaccgcacag gggaggntgg 360
 gcaggaaggg caagggntgg gggatgccgt ntaaggaggg cggangcagg canttttgg 419

<210> 2008
 <211> 411
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. H81964

<220>
 <221> unsure
 <222> (1)..(411)
 <223> n = a or c or g or t

<400> 2008
 ntattgtttc attgcaattt tttccactgt actttcaaaa ccaaagaaag atttaatatc 60
 taaacttgca gactgttcaa aacagggtcca atcttcattt tcagggtgaa cgggtgtagca 120
 gcaatgctca ttaatgatga cccgattgga aaacgtttca ttataagcct caatgtgcaa 180
 agtacgttcc cgagaattca gtgagttttt ctggacaaaa taaacataat caactcctgg 240
 caatcttctt cagcagtcctg ggtgcatcta catccaggct tgcagcgcct ttcaatggac 300
 atgaatagcc ccatcttcgg ctcttggaat ttcattcaca gtggtcactg gccacggaa 360
 catcgggaat caaagggaca tgtaggggaa cctcccttnc atagggcagg c 411

<210> 2009
 <211> 305
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. H82424

<220>
 <221> unsure
 <222> (1)..(305)
 <223> n = a or c or g or t

<400> 2009
 ggtgatattc ttcttgctgt caatggtaga agtacatcag gaatgatata tgcttgcttg 60
 gcagnactgc tgaaaganct taaaggaaga attactctaa ctattgtttc ttggcctggc 120
 acttttttat agaatcaatg atgggtcaga ggaaaacaga aaaatcacia ataataggct 180
 aagaagttga aacactatat ttatcttgct agtttttata tttaaagaaa gantacattg 240
 taaaantgtc agganaagta tgancatcta atgaaagccn gttacacctc aggacaatat 300
 gattc 305

<210> 2010
 <211> 425
 <212> DNA
 <213> Homo sapiens

<220>
<223> Genbank Accession No. H82735

<220>
<221> unsure
<222> (1)..(425)
<223> n = a or c or g or t

<400> 2010
attacactgc ttcggctgga cacgcaacca tgtgacacta atgtgtcata gaaggctctct 60
gagcactttg gctcattttg aatataattt ttaaaaatat acacaaggct ggcttttcaa 120
tgtttaaaaat cattgtagaa accaacaggt tgaacagaaa tataaaaagta cagaaaatgg 180
ttttcctgct ttggtgttgg ttgtggcggc cgaggaacgt gactgctgct gtttacacaa 240
gtccagacgc tgccagggcc tgggtgggatc agctcagctc gtgactaaaa cagctgggatc 300
atcgactctc ttgacttgcc aacaccaacc catttgactg cgactcccac gtgattctcc 360
acaaagcgga tgtagttcng ggcctgtggg ggcaggtcct cccaactncn gggcgctgtg 420
gtgtt 425

<210> 2011
<211> 452
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. H82966

<220>
<221> unsure
<222> (1)..(452)
<223> n = a or c or g or t

<400> 2011
annattanan ntcaataata ttagcaatag ctatitttcaa atcatgtaaa tcataactat 60
ctttaatata ctgatcaaat tgtatcatat atgtctgcag ttgagatagt tttncattaa 120
agttgatttt ggcacatctc aatgcaattt gtatatcatt ttctgtaatt ctatactttt 180
ttgtgagagc agtcagtttc tccttggcat gtgaaacttg tctctcccaa ttgaatgaat 240
tcagataatc attagcttgc tgtggggagt tttccaggg gctgctctgt atttncctac 300
aaatngatca atattgatgg tgccttcaggg tttctctggg acgttttccc ggtacaacta 360
taagggggtt gtcgattccc tctcaaaaata ttcttggcaa gggntcaca aatggggggag 420
ggttaanggg gagtgggaacc atcctggggg tt 452

<210> 2012
<211> 286
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. H83109

<220>
<221> unsure
<222> (1)..(286)
<223> n = a or c or g or t

<400> 2012
ttttcccact aaataagaaa actttaataa gatgattaca aagaaattaa taaagaaata 60
gaaaatgata gcagcttcaa aaataaccagt ctccctgttt taaaacaaan tcantaaant 120
cagngaatca caattcattg aactcattct tggctacaag gaagcagctg gntagntccn 180
ctggcaggca gccctgcagg nttaaaantgn gggccactgc caaaaangccc caantgngat 240
gccgtcctcc tcatectcac accatcctca tcaggcaggg aaggat 286

<210> 2013
<211> 307
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. H83442

<220>
<221> unsure
<222> (1)..(307)
<223> n = a or c or g or t

<400> 2013
aaaacatgat attagtatat aagataatat agctagccag tgtagtaaa gaagtcatga 60
ttgagtctta aaaaagaaca atccagtgtt gcagttcaga gaggttagca tgtcagggcg 120
caggctcggc ganggatgtg ctttgcattt aggacacagc ccggagccgc agaaggtcag 180
caggagcacg tctggcacct tcagtaccag gctgggtgag agagcccag aggggngccg 240
ggggggcagt cagggccctg cttcgctgnc tgggcccttg tagatgggcc ttntccaggg 300
ccgntcc 307

<210> 2014
<211> 312
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. H83451

<220>
<221> unsure
<222> (1)..(312)
<223> n = a or c or g or t

<400> 2014
gacatatgaa ttaagtgggtc aaatgtaaaa ctaatgggga caccaagcct caggaagaac 60
atcccatggt tctgtttaat tctcttatgt gttatactac cttccctttc tctttcttat 120
acacatagat tttccttaat tgcagcccaa gaggacactg ccccatTTTT ttttggtctt 180
ttgtcattgg gacttaaagt ggggtgcctca agtctttggg aacagtttta acagaacact 240
ggacaatgac tgggatatca ggtcagtggg tgganctcct tcccaaggct actggtctgg 300
nacactaagg at 312

<210> 2015
<211> 353
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. H86072

<220>
<221> unsure
<222> (1)..(353)
<223> n = a or c or g or t

<400> 2015
aaacatgttt attagaaaag taaaaaatat tgcataggnc ttaatacttg aacatcaagt 60
gtattcatga acagtgagta tcttancttc atgtaaacag tnctagatgg aagaccagga 120
tggcactcct cccggggngg gntnccagcc cccaccctct cagccctcc cctgccagct 180
caactctgca gtacacgatg ggggaaggct taaacgcagc tgccaggggg taatttttca 240
agtggtcaaag ancccaagtg atccctgnac acccaccctt tctactctt acattcatgc 300

ggctctgtaag ataggctgcc tacaacaggg tcatgtaggng atggctccga tcc

353

<210> 2016
<211> 323
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. H87144

<220>
<221> unsure
<222> (1)..(323)
<223> n = a or c or g or t

<400> 2016
catggcaatc ttttattact tatttttnat ttcattccat gttggaagca aagtcataac 60
tattaaaaag taaaaccaca aattagtctt tgattattca gangcataag angattgctg 120
ttttcatgtt ttccattttt cctccagtg gcttgaaaag tacagatgct cttttcagtc 180
atgttttgtc ttaaagattt taaaatagga ggagtctgca tccacaccac tcttaaagtt 240
ctcaatcctt ttcttcccca tcttgttggg ntatccaccg ggnccgggnt gggcatgtat 300
tgccacaaat atggttacta nca 323

<210> 2017
<211> 283
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. H87765

<220>
<221> unsure
<222> (1)..(283)
<223> n = a or c or g or t

<400> 2017
ccctttatta aagcatcaat caaaatacag ggtgggtcac atggttttct gtttttgcta 60
ctgtaatacc aacttatatg agtaacttgt ttacaacttt atttttaaaa gtgaacattt 120
tacagttcac agaatacaca gattgacatt tctgtcgaga catttttccn ttttccaatt 180
ttaacaangg acatccagga actactgaaa tacaacaaac ggaaatctan ggtgcaaggc 240
ntcttccttg attctcattg ttaggcagct ctatgggggt ctg 283

<210> 2018
<211> 349
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. H87790

<220>
<221> unsure
<222> (1)..(349)
<223> n = a or c or g or t

<400> 2018
anataatttta attttcatc atacatatat tgtgtggcag agaagtatga caaagtgagc 60
aataaaacac ttccagccat aaaagtaatg cattagtata aaattctata gggcaatgga 120
atgaagctac acattaaaga ggaaagaaac aatgtaacat ttcccacaat taaagcggac 180
tgggacgnag cctgaggcaa catgaccaga cctgtctct acannnnntt acannnnntta 240

ggcccagcat ggtgggtgcg tgcctgtagg tcccaggcta ttcggggagg gctgggggtg 300
ggggnaggat cacctgagggc cnggggggnag tgggaggggt gccggtgga 349

<210> 2019
<211> 227
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. H88033

<220>
<221> unsure
<222> (1)..(227)
<223> n = a or c or g or t

<400> 2019
aaccatagac ccaaagccct tacgtttgat gcaatttatt nttaaaatag gccttggttt 60
tcagcttcat ctgcagttct atgtgaagat tgataaatca gtttttactt gttttattaa 120
taaaacgtaa tttggatata ttgagttgat ggttttgtga tttagctggg taaactatct 180
ttgtaacaga taagttattt ataaaaatta aaaaacttat attctaa 227

<210> 2020
<211> 293
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. H88359

<220>
<221> unsure
<222> (1)..(293)
<223> n = a or c or g or t

<400> 2020
tttttgccag agctaaacaa tttaatataa aaaatgccat tttttgtcca tacagtattt 60
ataaaaaagt acatagtggg tagttttgca ataatttctt tttagccaga tgtcatatca 120
tcatataaat ctatgaatat aacaaatgac ataagaacag tataaataag tttttgtagt 180
atttacactt acacagaaac tagcccaaat ggtgtcctaa gaaattgttt acagttaaag 240
tgaaactact gattcaacat actgacactc caatgctttt taaagtttcg nat 293

<210> 2021
<211> 397
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. H88674

<220>
<221> unsure
<222> (1)..(397)
<223> n = a or c or g or t

<400> 2021
tttatgggtt ttatttttca atttttatct tggttttctt acaaagggtg acattttcca 60
taacagggtg aagagtgttg aaaaaaaaaa tcaaatttcn cncggngcgg gggaaggagt 120
taatgaaact gtattgcaca atgctctgat caatccttct ttttctcttt tgcccacaat 180
ttaagcaagt agatgtgcag aagaaatgga aggattcagc tttcagttaa aaaagaagaa 240
gaagaaatgg caaagagaaa gttttttcaa atttcttctt tttttaattt agattgagtt 300

catttatttg aaacagactg ggccaatggt ccacaaagaa ttccccggtca gcaccaccgg 360
atgtccaaag gtggcaatat ccagggaagg gcaggcg 397

<210> 2022
<211> 374
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. H88675

<220>
<221> unsure
<222> (1)..(374)
<223> n = a or c or g or t

<400> 2022
aattttaata gataaatgta aatttgactg tgtaatacca aatggaaaagt agctgaacca 60
cacagagaaa acaaggcttt acgtatctcc aaatttagct gttttacaat aaacaaagta 120
ttagaacatg tgaatattag aacctccttc taactggaaa gatttcttca gtaagctata 180
accgaaatta atataaacta aaattanaat ttctaaaata agaattaaca aaccaaattt 240
aagtattttt agtcagagat tgaaacaaaa taagcacagt gatctagaaa ccaaataac 300
tggnttatgt aactatcgta tcaagggtaca gacattcttc acatgggtac aagggttagc 360
atttctcttc gtgg 374

<210> 2023
<211> 445
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. H89514

<220>
<221> unsure
<222> (1)..(445)
<223> n = a or c or g or t

<400> 2023
acaaaacttt attggttaata gttttcaa atgtttacaa cagcacactg ttcaagagga 60
agtctcgtcc ttcgcagcac acagggtgaa tcgccccgcg acccaccggg ggccccacc 120
caggcctgag aactcctcct gggatgggga gaagtattga gagggggaaa tacggggatg 180
aatggggtgg ctccccncg gctccccact tttctattac gagagaaaaa agcacaatg 240
agaaagtggg gggagagggt gatgggacag ctgacagcta agctgggagg gagggggcg 300
ccgggatngg gngaggcg aacttgggtg ggggtagtaa aacaggcagc ccctccccag 360
cagcttttag cctttnaacc ccgggcntg gttttggggg gattttggct tttctntttc 420
ccttttnacg ggatnccttn cccat 445

<210> 2024
<211> 278
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. H89551

<400> 2024
ttttattttg ccaagtatgc aacagggtata tcactagtat atgaaaatgt aaatatcact 60
tgtgtactca aacaaaagtt ggtcttaagc ttccaccttg agcagccttg gaaacctaac 120
ctgcctcttt tagcataatc acattttcta aatgattttc tttgttcttg aaaaagtgat 180
ttgtattagt ttacatttg ttttttgtaa gattatattt gtatatgtat catcataaaa 240

tatttaaata aaaagtatct ttagagtga aaaaaaaa

278

<210> 2025

<211> 428

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. H89893

<220>

<221> unsure

<222> (1)..(428)

<223> n = a or c or g or t

<400> 2025

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aanttacntt ttagccaact tttatttttta tgcctagaaa aatacatggg acgttttagga 60
ctaagtgtgt gggcaatttg ctacttagtg atagtaacac aatcctgaaa aggcaagcac 120
aattattctg tacttttttaa aagttttatt cagcaataag accataattt ttcataattta 180
aggagtatga aaaatttgtg gagtttttaa agctgaatac atgtagcgtt ggatcaaggc 240
acatacaaga ctggccaaag ggcggtacaa tgcacttttg ttttttgttg aaaaaaaaaa 300
atcatgggca acagaaaagt gatatggttt ttcaacaagt aacagctcac aattcagtag 360
gaagctagaa ggaaatgtta cattacgagt tcnttatata atatccggga aatttgtgac 420
agtaatgt 428
```

<210> 2026

<211> 292

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. H89980

<400> 2026

```
aaagtgagaa gctcatcaag gatagctaga ggagagtga atatttacag tagaaaagta 60
tggatgctag ccaaacttca aattctgtca ctgcagagtt attccgatag tactttttcca 120
ccatggcaca tcacacatgt taaaattaac tgcattcttg taacacctct caatgggtgt 180
gcacaataat agaagcaaca ttctgggact ctttttctta agatcctaca gaatgaattt 240
atgcacacac aaaaacaagt ataatacaaa acattcaaaa caagtcacat cc 292
```

<210> 2027

<211> 351

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. H89987

<400> 2027

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ttacaaaatc caaaataatt ttattcacat tttcagattt ttgcttccac aaggtgttca 60
gcaaacatgc taaggcgaca gaatgtctag ttggtcacga catgcaacgc tgaccattca 120
actgatgaca gcagtgacca cgccacctg agctaccagc cccacagcac aaaggggggtt 180
tgcgggaaca caccaaacca cacagcaacc agcaacctga ggtaggtctc tttacagtac 240
aaaaacttct acgcccagtgt gagacactga ttaggcaaga gctgcttaaa gttgcagact 300
ttgagggggag agagagagag agactgtgcg acgactgcgg tgaggaaagg g 351
```

<210> 2028

<211> 392

<212> DNA

<213> Homo sapiens

<220>
<223> Genbank Accession No. H90417

<220>
<221> unsure
<222> (1)..(392)
<223> n = a or c or g or t

<400> 2028
ttcacacaga atgcatgttt cacctctgta acctaaaaat gtttacgata atttaaacta 60
aattcatgcc attttataga acacatagta ttgcatacag gcaatttncc actatctgtg 120
cccctggaag aggcagagca cagatgactt acaacagaat tctaaagctc ttttaatgct 180
aanccaaatc actggtatct gacttaagat gcattttgtt ttttaactcc gntcactgca 240
ttttgcttag ggttatanta aattatnntg tggcccaaaa gcttgacaga tgtcaggggc 300
taagggtgct tggaattaaa aggggggaaat taaatnacca gtaattgaaa gttggacctt 360
taaaangtgc ntacaaaccc atcatcagga gg 392

<210> 2029
<211> 432
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. H91325

<220>
<221> unsure
<222> (1)..(432)
<223> n = a or c or g or t

<400> 2029
canattttta tgtttcaata actgatttat tttttacccc ttgtacttaa gatttaacat 60
gtgttgtatt tccagcagtt caaatctaat tgtgtcgaat ttccaggatt ggaggaaaag 120
ttgtcccttt tcagccctcc tactagaagc actggagcta ggctggcggg cattggaccc 180
tagtaggtat agcaggctgt gaagagcgac tgggtggaag cagccccaga agaaccctg 240
tgaacatact gtcccttggc cgccctggcag gttagccatg gcccggttc ataaaagcct 300
cctgggttgc ctccctgttt ggcagccttg ccaccccagg nagccagngg cactggncctt 360
ggnaaggccc ggtccataag gggaaacctn agttttccag gggctttggg ttanaagggg 420
naaagggtgg tt 432

<210> 2030
<211> 378
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. H91456

<220>
<221> unsure
<222> (1)..(378)
<223> n = a or c or g or t

<400> 2030
agatattata catacaattt tatttgttat ttccctgaggc atcctctgtt tggtatatga 60
atccataata aaatgtagaa gagtctgttg atctggggtg agttcagttt tctccctgca 120
tgactttgtt gtcgaggtca cttgtcgcaa gtcacgacct tcaactgtctt cattcacggn 180
ctgatctgca tgctgcttca catttnntct cagtcgctta gatttacact gaatttcagn 240
naacaagccg gtatacatat attcagncaa cattcccagc nctttgcatt tcctnagtcg 300
acactcttga cactttcnnc gcangtacat atccancaca cagttggccc cgttttttaca 360
cttggacaca gnggtttt 378

<210> 2031
<211> 304
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. H91632

<220>
<221> unsure
<222> (1)..(304)
<223> n = a or c or g or t

<400> 2031
actttatttag cctggagctc ctccctgcc a gcccagggc ggtacgactg gtccctgggc 60
acagtga gca gggctgaggt cagacgggtt cggcccttgg cattggcagc ttggttggga 120
cagccggggc aaggga aaaa aaggtgcaaa agtccaaatg ctggcacttc aggtgtggcc 180
ggcaccagc cagcgcgagt ggggtgggcag ggcgccatgc ttctctcctg gcgacaggtc 240
ggcgtntag cagcgcccc tcccagcagc cactaggaac agctggtgat tctcgccagg 300
gaac 304

<210> 2032
<211> 357
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. H91680

<220>
<221> unsure
<222> (1)..(357)
<223> n = a or c or g or t

<400> 2032
cttggaatt gacactttat ttttaagctc tattacatat aattcccctc cccattccca 60
gagatactca actattatag attattagct aacaaaacaa aaaccagnga atgttgtaaa 120
aatgttcaag ttcagtaaga ggctatgttt tctagagaca attctagngt tcaatttcca 180
ttgactttgt tagattcatt ggntagnгаа atctttagnt ctganggttc cagttccag 240
atgttttggg catatncttt aattgttcgg nactggggag aatttccccg agggcagcta 300
tgtttttgag gtaccattgt gttccggggc ctttgggatt catgtacagc tgactca 357

<210> 2033
<211> 546
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. H93021

<220>
<221> unsure
<222> (1)..(546)
<223> n = a or c or g or t

<400> 2033
aagagaaaca cccgtcaa at ttattgcagt tgtccagtca gcaatggtga tcttcttgct 60
gattgctgat cttgccattc ttggacccca agtgcctccat gacctccaca atattcatgc 120
catctttcac cttgcca aag accacatgct tgcaatccaa ccactctgtc ttggcatctt 180
ggcagggcag ataaaaaact gggaaacgtt cagcgtgggt ccagcatttg ccatggacaa 240

```

gatgccagga cccgtatgct tcaggatgaa gttcttgtca tcaaatttct ccctgcagat 300
ggacttgcca ccaatgctgt atggcgctgtg aagtcaccac tctgacacgt aaaccctgga 360
ataattctgt gaaagcagga acccttataa ccaaatacctt tttctccagt gctcagagca 420
tggaattttt ctgctgtctt tggaaccttg tctgcaaaca gctccaatct gttaacatag 480
ttttatggat tagatgagca gtcacttctt gcnttcacag ncccctacct cgaaggagac 540
acagcc 546

```

<210> 2034

<211> 547

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. H93053

<220>

<221> unsure

<222> (1)..(547)

<223> n = a or c or g or t

<400> 2034

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gagactgcat agggctcggc atgggtactgt agccagtctg tcaataatgc atttttcttt 60
ctgtagaatg tctagttgga tgagtcagtt ttacttccac tatattttac tttcctaaat 120
gctgatccaa gtaactctgg gcattcacat aattcatttg caatttggtt acacttcaaa 180
ataaggctat aattcatttc atcagttatg acactgtctt gcttgtagtc aggatgggtt 240
gcgataaact cctcatcca tctggcaact gtcattagtt ctccagatgc tctcttctta 300
attagcttta ggtagttcag aatactacat ctggtgtcca catccactnt ccatggtttc 360
aaggtaagag ttcccgaatt gggatcagtc caggaaacac accttccttc ccattgatga 420
tggtggcnat gcncatgagg gtggactcct ctgcagcgag ctccgtgctg ttccggggccc 480
tgccacaacc atccaccact gcattgccac ctttgcaana accttcccgc aataaacatt 540
ccngcag 547

```

<210> 2035

<211> 316

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. H93246

<220>

<221> unsure

<222> (1)..(307)

<223> n = a or c or g or t

<400> 2035

```

atccctggtg tgttgtgtgg gcctctttaa cgtttccact gagccttaac ctactgttac 60
ttactgttac ttcacacgca ttggtgttaa cattttaatc ttagaagacc ctgacccact 120
gagggtttgt tgtgagaatt gctgaagcca cgtagaagca ccttgaaatc tgnaaaccc 180
acaaagaaag tactttataa aaggtatcct tatttgaagt ggataaatct tgtaactcga 240
aaagttgtga tttagaagac aggattgttt ttgaacatta ggaattaaag gctatatctg 300
gtccttaaaa aaaaaa 316

```

<210> 2036

<211> 397

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. H93381

<220>
 <221> unsure
 <222> (1)..(397)
 <223> n = a or c or g or t

<400> 2036
 ttatttttta ttttgctata gctgcaatgt tcacagtaat ccaagttcca atggcagggt 60
 ggcagagtgg aacccaaaaga ggccaagttt tgttggtgaa gtataattat tttttaagat 120
 cagggaattca gaattgtagt atcagtgttc agttaggaag ttcttatgat agtgcattggc 180
 natgtccttt ccattcatctg cattttctgc tttttttgtc tggctcactt ctactcactc 240
 tctaactctc accttagtgg tcacttctcc ccggaatgtc cctgaccctt tatgatagca 300
 gtagtgcaaa caccaaaggc tgaacttaca accagactcn gcaggcaaca ccttgccttg 360
 tgccatgctt caatccatga agaggatgtg agaaaga 397

<210> 2037
 <211> 363
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. H93492

<400> 2037
 atgttcagag tgacttttga ttctgattct ttatgttttg tatggagcgg cactttttatc 60
 tgtgttttag cagaactggt cctctgtatc ctttaacggtt tttctttggt tttgtttcct 120
 ttttaaatta tgcatagagt ttttttggtg gtatgaaatt aaagccttta ttaaccttct 180
 ttgatttgac tgttatttct gaaaaggaca cattcttgct gatacttgta acaacctgtt 240
 caaagtgtg gaaatcacct tctgttggtt ttctgacatg gacttccttg cagcactgtt 300
 acttcttaaa aaggaacaga atggcgaacc agtgggtctgg gcccgtagtc ccccatgtga 360
 ttc 363

<210> 2038
 <211> 416
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. H93562

<400> 2038
 taaggcagga gtacagtggg gcaatcatag ctactgcag cctcaaactc ctgggctcaa 60
 gtgattcttc cattcttcca cctcagccac catgcccagt taatttttaa atttttttgt 120
 agagacgggg ggtggggctc ctgctgttgc tgaggctggg cttgaactcc taggctcagg 180
 tgatccttcc gcctctgtct cccaaattgc tgggattaca ggcattgagc accatgcctg 240
 gccagcaaca atttgtgttt tgagaattaa cctgagccat ttctgaagc tacctacact 300
 gccattccac agttgggaat atcttcacgt atctaccggc tagggaagaa tctgggggca 360
 gaaatcacct tattccagag cagcaattta gacgacgtag taggagtttg taggga 416

<210> 2039
 <211> 414
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. H93652

<220>
 <221> unsure
 <222> (1)..(414)
 <223> n = a or c or g or t

<400> 2039
gctgggactg ccccaaaggc naaacnnggt ttattgggca gcagctggga aaatcagcgg 60
ttggacttg cccacagctc cagctcgtcc ttcttcttaa tggcatagga gttcgaggag 120
cccttggcag ccattgatgn gctcatctgc caggcactca gcaatgggtct taatgttccg 180
gaaggcagcc tcangagcgc ctgtgcacag cagccagatg gcctgggttca nacggcgag 240
gggggacaca tccacagcct gncgtctcac agncccgng cgcccaatgc gngtggagtc 300
ctcccgggga ccactgttga tgatggngtn naccaggacc tgcanagggg tcnngcctgn 360
gagnaggtgt atgatctcga aggcattgctt gacgaagcgc aaagtcaaga gctt 414

<210> 2040
<211> 443
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. H93745

<220>
<221> unsure
<222> (1)..(443)
<223> n = a or c or g or t

<400> 2040
ggaatttatt gaaatacagt gtatcataca aatagaatat tcacatgaaa tgatcaaagg 60
aaggggtaag gagaaaagta ttaaaactga aaatttacct agtgaataag tggacataac 120
aattgagaat ctatccactt catgtcactt atggaaacaa cacattaaga ttaaaactaca 180
tgtttgctag agtaggagaa agtatatacc acagggacca tcattactct agagtgggtc 240
tatgcataac tcctcaaaaa gagggccatc gttggtgttt atgtggctaa aagttgtgta 300
ttttgggctt ctggagaacc ataaaattgg actcaaagaa tagtttcaaa ggaggtaaaa 360
gaaggaaatg ncgtggacaa ttggaaggac atgggaattn aaatgggntt ggtcncccaa 420
ntggcccctt aggttaacca gag 443

<210> 2041
<211> 309
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. H94247

<220>
<221> unsure
<222> (1)..(309)
<223> n = a or c or g or t

<400> 2041
cctctttctc tctttttaat tgctatatat tagcttagaa caaggtaaaa aatttggaga 60
ttcacaggaa cagcacagaa gtttaacaat attaataaag ttctaacaca tgacaggaaa 120
gtttatctgg gntcttgaag gcaacagctg gntctgcatg cacatttctg ggagtcnagt 180
ggattcnnga anaggtcttc tctccatggc tccatcttgc tctttcacia aggacccta 240
gggccatggc accataagcc cagggcnagt gatttgnagc atggagaagg gaatngaagg 300
gncccgcata 309

<210> 2042
<211> 395
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. H94471

<220>
 <221> unsure
 <222> (1)..(395)
 <223> n = a or c or g or t

<400> 2042
 tttgttactt ttacatgac tttattat ttt aagaaaaacc tcttttaacc atttatataa 60
 cagaaaaaaa atagggaggc tggtagatca tcacatatat agtagctaaa atatgaaagg 120
 ccagggaatt tattattaat gaagtcataa aacagactta accaaaagtg tgtgctagga 180
 aacaagcagt ttcacttcag agacttcatt gcaggaaccc agtttcctta tgtggaaaaa 240
 agtgattata aataacagtt atctgaaagg tggttgagag gattaaatga gatcacctat 300
 gcaaacaat acatgtagggt atgaaagacc atccgtcctg ggggtngtgg aaagtttaag 360
 tttcccncc agaacccttc cctttaaggg cctta 395

<210> 2043
 <211> 373
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. H94475

<220>
 <221> unsure
 <222> (1)..(373)
 <223> n = a or c or g or t

<400> 2043
 tttttgcccc ttcatctttt attcaggtgg cataaaaaatc actacaaaaa ccttacaaaa 60
 gagccttaag gagctcatgg gatccttccc tgccctcggtt cctgagctcc cgggcagagg 120
 agggagacag gagaggaagg aagggaatg ctggcagtgt tgggatctcg aggagccgtg 180
 ggaagtctgg cgtgacaagg cacaggggggt aggatggagg ctgatggact ctcggcaggt 240
 taggccacag ccaaggctgt gccangacac gagttccacg cggggctgag gacaacgctt 300
 cgctcccga gccaccacca gggcccgtct ctccccaccc taagcctagg tgtcccggga 360
 caagtccaaa ggc 373

<210> 2044
 <211> 342
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. H94648

<400> 2044
 gaaaacatag tttat ttttct cattcaggct tttgtagttt atttttacaa aatagcagac 60
 aaaatttgggt tcttttatatt aatagagaat atgtaagaca tatcgaaata tatatatagc 120
 acttaagtta taaacacaca gcaaattcag catcacttaa acagcaacca tattttcaca 180
 taatcaggat tgcataagga gataaacatt attttttagcc taaatatata aataatcttt 240
 gatgctttat gtcaattagt atttataaaa gctagtctaa aaactaacac cacctacaaa 300
 agttgattga gcttttaggct acaaccttgc catcatgcc ta 342

<210> 2045
 <211> 408
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. H94666

<220>

<221> unsure
 <222> (1)..(408)
 <223> n = a or c or g or t

<400> 2045
 cttcacattt attaatcct gggaggaatg agggaggett ctccagcccc ccagagaccc 60
 cggccttgtg ctgcaacagg aggggagggg gccagttccag aatccccggc acttctgagg 120
 acaccaacag caccctgggc ccgcggtgca tcagctttct gccaccagga gctccacagg 180
 gtcgctgagc tccgattcga aggtgtgggg caccagagg cggtagtcna cnctgtagtt 240
 gccggcgtgc tggggcccca cgaagatcag ctcgagggtc gccgcggccc cgggggtgcg 300
 gaccgtcttc acggccttcg tctcgccctc gcgcanaagct ccgaagggtg acgtcgggga 360
 tgggtccctc gcagcgcagg acggcatctc ggcccgccag aaccgccc 408

<210> 2046
 <211> 402
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. H95079

<220>
 <221> unsure
 <222> (1)..(402)
 <223> n = a or c or g or t

<400> 2046
 tttaaactca gcatccattt ttaactattg aaatTTTTTT ttttttgaga cggancccaa 60
 ggctgcagtg cantggcgca atctggggtc actgcaagct ccacctccca gggtcacgcc 120
 attctcctgc ctgaggtgcc cgccaccatg ccaggccaat tttttgtatt ttttagtaga 180
 gacaggattt cactgcgcta accaggatgg gtctcgatct cctgacctcg tgattgaaat 240
 tctgaccctg aagagcgtac ttctgtaagt agaaagacgt ttgctcttaa catatagtct 300
 gcacaattca atatgaacgt tttatttcca acaagtatgt agttcactgt tccatgactt 360
 gtgcataaca atatgaatta tctactatga aaatatagtt ta 402

<210> 2047
 <211> 394
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. H95089

<400> 2047
 cagaagccac atttcccaac ttgtgttcta aaaataattt acataagata aaaattcatt 60
 atatgcacag tatgtacagt ttaattatta aactgtatgt ttgacctttt tgtgctaaat 120
 gtaaaccacca caaggggagg tatctttgtc tgttgacaat gatacattca atgtttctca 180
 agcaccacca atgctggttt gtatgtggtt atcattcaat ctgtattttg tgaatgaata 240
 aatgattgac tatgtggaga gcaaaattga tggacctgaa aatgttttgc aaaatgtaat 300
 atagtctact gatacaatat ttattattat tgggccaata atgtttaatg ccaagtgcata 360
 aattagtaaa attttgggga tatagagaaa aatt 394

<210> 2048
 <211> 331
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. H95233

<220>

<221> unsure
 <222> (1)..(331)
 <223> n = a or c or g or t

<400> 2048
 ttattataaac ttgtacattt tacttttcctt ctttcagaat gctaataaaa aactttttgtt 60
 tatacttaaa aaaaccataa atcagacaaa caaaagaaac gattccaaca tcacttctgt 120
 gatgagaaaa gaggcaatgg aattcaacat aagcaaagaa aactctacct ggaggaaaga 180
 aatcgatcag cgaggaaaca actcggggct gctgcagaac tgcaggccat gcgaggagga 240
 gcctcctaga ggatttccaa agcaaaccga tccctgccag accaggaagg cagccgtcct 300
 anctcccaga gnaacagacc tcagccctaa t 331

<210> 2049
 <211> 465
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. H95358

<220>
 <221> unsure
 <222> (1)..(465)
 <223> n = a or c or g or t

<400> 2049
 cagcttttaa atttttattt aattccatat aaatgaaagt acatatgaat gctattattt 60
 gaatagttat ttgggcatag acaaaataat gacaattgtt cttatttttg acaaaaagat 120
 gttttaaagt aatacagcat atatatattt ttgttaaata catttgggca cttcttaaaa 180
 tgatgggtga atttaggaat aaattatttt tctgcaact attcccaaaa gaaacaaatg 240
 tggaacagta ttcatatgag tttatttttg tgataaagta aaaggacatt tatacttttt 300
 taaagactga gccataatta agattataacc cttaaaccct gagtatttaa aagacccttg 360
 ggttacnct ggtttacngg gtccagaatt taaattatac ccaagtttga gtgcncacc 420
 tcccaggaaa ttaccaatgc ccntataacc caatattagg aagcc 465

<210> 2050
 <211> 341
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. H95566

<220>
 <221> unsure
 <222> (1)..(341)
 <223> n = a or c or g or t

<400> 2050
 ttacnaact agataganac ctttatttca caactttatc atcattcaca tntaanaag 60
 acacggactg ggggacacag ctgaaaacag tgggaggcca gatgctggat cntccagacg 120
 ggagcatagc catggtcact ctagccgatg tctcctgggg ctctcaggcg gcaaggacca 180
 gattgcacca ctactgtcca atcccagttt tacttagagc cacctccttt tttggggcca 240
 ttantcctta tttcatgcca gattttact agcggctccc ngttcttcca aatcagtttc 300
 atgacctgta agtaacatac catattccaa aaagagctcc c 341

<210> 2051
 <211> 351
 <212> DNA
 <213> Homo sapiens

<220>
<223> Genbank Accession No. H95569

<220>
<221> unsure
<222> (1)..(351)
<223> n = a or c or g or t

<400> 2051
tgttcctaac acaaatgtga atttattggt tgatttgata tttaaaatag tactttttaca 60
aaatcatctc agaaaatata ctacatttat taaaattcct acaaaccatt gcagaaaata 120
ttaaaccctc taaccaacct aacactcgtc ttcagaggca cttgtgatga ttttcacagc 180
ttccatagtt gcaaagaaca aagaaatcat cttccaacag ggggtggaatt agataagaat 240
aatccaaaaa atattttattt ctttacagac tcacagattg cttgatgttt aggggctctt 300
acctaggata cctaattatt caagggtttc cnaatttagt agactttttc a 351

<210> 2052
<211> 279
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. H95978

<400> 2052
tttttaaaaa attgtttacc ctgtacatgt ttctattgaa tcctaagtac gaatgcccac 60
ggagataaag caagtgcagt taagtatgca tgggaaagct aaaatgggta tgtacataag 120
atcggcaaag gaaaccaagt tctgtaaaat gagttctccc tcccctccag ggtagctgat 180
tatgaggaaa ataagaaaga gctttgcttt tctccttagt agtaatgggc tacaataagc 240
tgcacacaca catccctcat cacacctctc tgctcaaaa 279

<210> 2053
<211> 427
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. H96392

<220>
<221> unsure
<222> (1)..(427)
<223> n = a or c or g or t

<400> 2053
ttacagaaat tttatttgag atctcaagtc cttataaaaa gtgcattaca tcaagattgc 60
aaaagacact ttttaaatgn gagacttcta tctattcatc cattttaccc tatgattcat 120
ttcctaccct aacagaaang atgaaacagt ttttctttct tctttttctt cctcctgctt 180
tgaaagggca actgtcatga gggatatctt aacagaatgt gccaatatc ccttgccagg 240
agagcagtag cttcctacng gctaaattta gagagccctt ggcattcctt ttgggtgtggc 300
tcaaagatta ttacaagctg natctaaaag attgcaacct acnacttggc aatctggtct 360
ccnngggctc ctctttttact nacaaactcc catttaaaac aacnttaaat ttaagcacgc 420
aataatt 427

<210> 2054
<211> 451
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. H96614

<220>
 <221> unsure
 <222> (1)..(451)
 <223> n = a or c or g or t

<400> 2054
 ttttggtttt cacattttta ttgggagccg tgggagggca tcattacctt gggcacaggg 60
 gcagaagaga gcatagtctg ggactcagac agaggggaagc ttgtcctggc ctcagggggc 120
 atagcaggca gtgctgcagg agactcaaaa ctctcacctc cactgacccc cagtggaggg 180
 acacctggaa ctgtctgtaa aacagtggct ggctgtattg ggtgaggaat ccggagcacc 240
 attttgctcg gaggggcttc tgaatgagtt gattgggctg gtgttttccc agggttgaag 300
 ctgggctggg agagaggggc tgggttggat aaggaggggt ttcaggactg atgaacgctt 360
 ctgtctccaa gccttcttgg ggaaacggtc ggcaactggc ttcagtttca ggactacacc 420
 ccttaggcaa tagcagtggg taccgagttt n 451

<210> 2055
 <211> 394
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. H96850

<220>
 <221> unsure
 <222> (1)..(394)
 <223> n = a or c or g or t

<400> 2055
 tttttgaggg caacatctcg ctttattttt atttatttat ttatttattt atatttgaga 60
 cagagtctta acactgttgc ccaggctgga gtgcaatggc gtgatctcag ctcactgcaa 120
 gctctgcctc ctggattcat gcctttctcc tgctcagcc tcccagtag ctgggaccac 180
 aggtgcccac caccacgccc agctaatttt ttgtactttt agtagagaca gggttttacc 240
 gtgttagcca ggatagtctc gatctcctga cctcgtgagc cgcccgctc ggnctcccaa 300
 agtgctggga ttacaggcat gagcaccgtg cctggccacg tccctatttt agaaatgaga 360
 ggagtgactg cacataggaa aaatgccact ttta 394

<210> 2056
 <211> 420
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. H96897

<220>
 <221> unsure
 <222> (1)..(420)
 <223> n = a or c or g or t

<400> 2056
 acagttaaac atatttaata gaaatattaa aataatcatt acacttcctc tcattgcaga 60
 aaccatgaaa gaatacgctt tttgtaatca aagtaatttt ttatcatgca aaaaattatt 120
 ttgttatgac attcgtaagc agagactata tttcaaaaca agtttataca gacttcaaaa 180
 ggtctaaagt caaagagaaa gtgaaatata tttaaatatg attagttaca tcgtatgcag 240
 ctggcatact catattcaca gtttataaaag taaaaaaact aaactcttca tgtcagctct 300
 gaaatagatg cattttcatt aatacnttca ctagttaggt cngttcntct aagacnngag 360
 gaaagatgag atatatgagc cattttttaa nggacaaaact ccacatatcn gcagccaatt 420

<210> 2057
 <211> 437
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. H96975

<400> 2057
 cactttatct tttctacttt attacttcaa attaacaacc acgataaagc tcaaaaaagt 60
 ccaatatatta cacaggaaaa aagtacaaaa ttccccccaa agttcttcag tttttttttt 120
 ttcagttttt taaattacaa agtaataaaa agctttgtct ttttaattaaa aaaaaaaagg 180
 aaaaaggggg aacagaggta aataaattag gaaaacacac acacggagaa aacaaacaaa 240
 aataaaataa aataaaaaaca aaaagggtgtt aactaggaag gatgggttaa tccaaaaccc 300
 agccctgact ccaggctcct cctcagaaaag gtggaaccag ggagaggggg gaccaggggt 360
 tgactgtcag gaccagggaa gtaatttata actcagccag atgccttctg gaagcagtct 420
 ccatggattc tgcccta 437

<210> 2058
 <211> 395
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. H97012

<400> 2058
 agttattaca gcaaatactt tgggtctgatt gtctgtgtct tgtgacaagc gatagtgacc 60
 cagtagaatt gcatcagtc tgggtattcct agttctttaa cgtggaacaa tggactgagg 120
 ctcttcaggg gttgtcaaca tcatcacatg gccatcagga aagaatctta tgtacctgta 180
 atattccact tgggtgccagg ctctatagaa accatcaaga gactgttccc cttgacgaat 240
 atatgtgggt ttactgatat acacgccatc aaaccgaaca cgaggccgtt ctaaaaaacat 300
 ctctctccag gacgtgtacg gaacaagttt aatacagctt ctgccccaaa ctttcaagca 360
 ggccagacgc catatttcag ggtctctggc acaga 395

<210> 2059
 <211> 396
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. H97013

<220>
 <221> unsure
 <222> (1)..(396)
 <223> n = a or c or g or t

<400> 2059
 ggggagggca acaaaaagat gagggtgtta ttgaagggtt ggtctagata cttataaaaa 60
 tacaactgg catgaaattc aacctcatga agagtccgtc ttcatagaag acaagtgagt 120
 gatccccctg ggagggcaag gtgctgcccc agggaaaagg cccacagnac aagatggcag 180
 ggcttcttct ttgccctggt ccagcaatcg acctgtcccc aggtcttcag cctgggcccc 240
 cagctggctt gaggatttga tcataccaaa tcccagtcct cctgggggaa tgggctgaga 300
 ccctcagagc agccttgcaa agcgccttgt gtttgtcttt gcctctgctt cagagtgtcc 360
 agggctgtct actgctcttc tttagcctgt natgag 396

<210> 2060
 <211> 592
 <212> DNA
 <213> Homo sapiens

<220>
<223> Genbank Accession No. H97587

<220>
<221> unsure
<222> (1)..(592)
<223> n = a or c or g or t

<400> 2060
ctttcaagat gagctgtatt tattactgga acggaagttg tcatatccgt gatcattagc 60
tttgaacttt aagcagcact gcttttcctc caaggactgt ttttcttcaa atgactggca 120
ccagcagcat aagcatgact taaagcagtt tttgaatctt ttgctcacca aatacagagc 180
aattgggtta atgcaggaat tcagtgaagc catgttgata ccaatatagt ccaataccaa 240
cagaaagctc aaaagttcac atctattggg atcattctga ttataaagag tgagcttcag 300
aatcctgctg aggtgaaggg gaagccagca gagggcaaaag accaggacca ggcaaaagac 360
cggnttttgg gccacttncc ggctctggct ttaggggtgg ccattttaaag caatctgcat 420
gccacttttc cttctcaaca tttcacaggt cnttagtgta taaaaaatgc ngtgatggcc 480
atgnaaagcc ggaattgnac tggacagcca ccactctttg ccggcctggn aactggctgn 540
aagctgtctt ctgaacngga tgagccagcc agttccccga tacttcctnt gt 592

<210> 2061
<211> 431
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. H97670

<220>
<221> unsure
<222> (1)..(431)
<223> n = a or c or g or t

<400> 2061
acaaaatagt tcacaatatt tattttaacaa gcgttgcat gaaaacaact ttatgcacag 60
tgaagcaacc aacaataagc aaacagaaaag ggggtggtaaa aacagtagct tcacttttca 120
tttccttcct tgggttggat tacacatatt cttccatcct tgcatttttg gagctacatt 180
attagtccat ccaataccaa agtgagcaga tacttgatcc catttctgga aaggaaatgt 240
ccatcttggg ttaggagttc ttgaggcagc tggatttact gcaaattaag taaaccttta 300
aaaacggcat tgtcacaggc tatgtgttct ctgacatgcc aggctggaca ggtgagaaga 360
gcctcaaaaa gacaaaactt cttcctgggt taaagaaaca gcacactagg ccagataaac 420
nccaaaggaa a 431

<210> 2062
<211> 436
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. H97677

<220>
<221> unsure
<222> (1)..(436)
<223> n = a or c or g or t

<400> 2062
aatggaatca taaattttat ttcaaaatgt aaacgtcact aaacatgcat acacgttaaa 60
acaataaaaat ttacaatttc gttaattttt ctttttgcag aggacatcat tacaatatag 120
aatctatgcc atacaaaata catacaaagt tttatccgag caagccaagg ccagactggg 180

[illegible]

<400> 2065
 accccattgt agaagaggaa taattttatct ctatatgatt ttaataatgt tccctaagta 60
 attagtaatc aagattttct tcaaattcaa attaacaat atgtttgtta atctaaataa 120
 tatacatatt tatgtattta tatatgtata ttttttaatc tttctgtaat tcagtcttta 180
 actgtgaact tttacatgat ggaagcagtg aaggactcaa tgcatagta ctttttgata 240
 gtatttgata ggctttttca ggtcaattaa tttagttgct tgcaaatata aatcaagctt 300
 gctccagttc cacaaggact ccaccacagt ctttaggatg gagaaaaatc actggttttc 360
 catgtgctcc tattttgacc tcttcactta gactgcggat cttctttttt ttcaaatcca 420
 tcacag 426

<210> 2066
 <211> 596
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. H98071

<220>
 <221> unsure
 <222> (1)..(596)
 <223> n = a or c or g or t

<400> 2066
 ctgtattata cggtgataca gtacactgcc aggtgaaaca agagccttaa taaagcatgc 60
 atcgcccaca cccctgtatg agaccccac agaagggatc gcttgntaag gcaccattat 120
 gaaggtcaac agtgcattaa cagctagaaa accagaaatt agtcctcaag gcataaataa 180
 gagaaacata gctgcatgag aaaacagttt ctaagcggtta gtgggttttat ccacccaact 240
 gagaaaaatt ttaggttctt aagtctaattg aacatttaga ccagcaattc ccagccccag 300
 ctttgtgaca ctcaatacgt gtccaatttc ttctaagggg catcacagaa ttctccaaaa 360
 agttaattca aattcagaat catttnaaaa ataatacctgt gttggacaat gcctttcttg 420
 aaggggagtg ttacaaaactt ggaggggggaa aaaaaattgt atattgccag gcccggttg 480
 ctaggggggt ccctgtntta gcagatggga tcttagctgc tcattactgg gatccgnatg 540
 cagtcctgac ttaaaatgga aaggcttnag ttccccggn c atgcatgact tttgnt 596

<210> 2067
 <211> 440
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. H98083

<220>
 <221> unsure
 <222> (1)..(440)
 <223> n = a or c or g or t

<400> 2067
 aagtcttggt ccccatthtatt ttttttgttg tgattcagaa atacaaggta tgaaaattag 60
 attacaattc tgccacaaaa gcttctaaag tagcaaacac aactttgtgt atcaaaaatag 120
 ccatgtgctc ttttatcagt taaaaagctt ttagagttat cacatcaagc aagtgtaaaa 180
 tataatagct actatctccc cttcaaaaatt gcaaatccac agttactgca ctgaagtata 240
 atccgaagag caagatttag tccagaatat ggaaggttct ggttggcagg tactttttta 300
 agctgactta ctaagaacta aaagaaatga gaaatataca aagcatctta tgtcaaagag 360
 tatgaatatt taaaagtggc ctcaagttag taatacatgt ttaaattaga accngatgta 420
 attaatggt tatggaattt 440

<210> 2068
 <211> 440

<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. H98657

<400> 2068
atacggaaac gagggagctt tatttggttac atattgtact gcagagccaa cagagagcat 60
tcgcgccaga ggatacatgc agacaggcag ctccaatgat acacatgcac ccaaggagcc 120
ctgagccact gctttgccct ggtttccagc gacaggttct ggctccttg gtcccatgct 180
tggagctgct gcacctagac tctaaggggc aggggtgaga gagaccagag cacctgcctg 240
agcaagtagg tgtggaccaa caggctgccc ccaacaaagg ggctataat gcaataacag 300
tttatttgag ggctactttc ttagccctct caatctttaa aatacaaaaa aatagacttt 360
attctcttaa aaatacatte cattcagtat atggttctga gctggggaag cagcaggaaa 420
aataggggcc ctttcccatg 440

<210> 2069
<211> 251
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. H98771

<220>
<221> unsure
<222> (1)..(251)
<223> n = a or c or g or t

<400> 2069
nttttgatat ataaggccac aatatttatt ttggacaaac cccttaaagt agcgatttta 60
ttatcaatgt tattcattct ttgaaatat aaagtacttc agctgaatta aggttgcnag 120
naatttntaa aatacaaacac acatcatgac tagtatatta aaattattta tattcagata 180
tttatatcta atatcaaatg aaaatttact accanatttt tacagtagac attaatacgt 240
ctgacatgct t 251

<210> 2070
<211> 437
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. H98822

<220>
<221> unsure
<222> (1)..(437)
<223> n = a or c or g or t

<400> 2070
atatttcnag tgaatcattt aatgtgagtg aggctcagtt aggtgttacc ataagtatta 60
acagaagaaa aagggaagc acaaacattt tccctctacc agaaaagggt ctgatgtaag 120
ataaaactagc ctgttggttt aacaatagct cattaaaaag gccagagaat ctgggagaag 180
atgtacttgg aagcactgtc ctctgagggc ccattcccaa gggacagcaa aatactgaaa 240
aaaattaact ggctcaaaaa ttatattgag agataaaaag agttagtcac agcttagaaa 300
aaaattccag aataaatgac actagctaga ttagtaattc tgatgtttcc ttgtcatagt 360
actctgtgag aaacagaggg actacaaact ggtgcccctt tgaacagagt ggttttaaat 420
aatagattct ccagtgc 437

<210> 2071
<211> 432

<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. H98910

<220>
<221> unsure
<222> (1)..(432)
<223> n = a or c or g or t

<400> 2071
tccatgtatt ttattgtaga acgataggta atcttttgac tttctgaata catttgaata 60
tgtactgctc tgctttccat attttaatgc aaggccatga tttaatgtcc atttttatac 120
tcttgtaatg tcatgtcatt acaaaaattt tttagaacat ggatctgaca ttatttttat 180
attttatcat taggtttggt tagttttatt ttacatgtaa aaatgtaatt ttatataaca 240
agccatggaa gtccaaagta ccagggattg cttgatagca ctatatatta aataatcatt 300
caattacctg aatcatttta ggnaaaaaaa acctttgtaa gccatatggt cacatgcctt 360
tccagtaatc ntcccttcct ccatagagtg gggttttaag cnccaatcca ttccccaatt 420
ttaccggatt tt 432

<210> 2072
<211> 433
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. H98924

<400> 2072
tcagggctag agaataagtt tatacaactgc ctcgttaggt ccagggggccc gcgcacgtgg 60
ccaggcggtt ggtcctgacg cttcaattca tttacaagta ttggattcca cgctgtctcc 120
tgtgcccga gcttcccaa taggccagca atctcaataa tgctttatta aagggcagat 180
tcatatgcgg ctcttggggg aatttttaca aatatcaaag gaactaatcc agcatcctat 240
atagaactct gcacactttg ggggaggtcc gtgaagcagg acaaagtgtc ctttacacag 300
ggaattgagt cggttcaaag tatctgctct gtggggagga caccctaaag cattctacat 360
acgtcacccc tgctctcagg atgcaccag tgggctcgcc ggtcagggtg gccttgcggt 420
gtccaccccc aca 433

<210> 2073
<211> 522
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. H98977

<220>
<221> unsure
<222> (1)..(522)
<223> n = a or c or g or t

<400> 2073
gaggctctgg aggtgtttta ttccacctcg aacaacttgg caaggctcagc agagaagcaa 60
atggataaaa gtacttcaca acagcagaaa agttccatca ggggcgcgtg attcccacaa 120
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gcatgggagg cggctgccag gccacggcgg ggtttcctgc tctcggagtc gagcagaggc 420
aagtgaacaa aaggctcagt aacaccgagg tccagagcan ccgccgcctc tggaaccttc 480

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522

<210> 2074
<211> 332
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. H99261

<220>
<221> unsure
<222> (1) .. (332)
<223> n = a or c or g or t

<400> 2074
ggaaatgaac gtaaatttat tgaaactggt tttggggcag gggatgggtg gacagctggg 60
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agcccttggt cttgcctgtg cgcttgtcac gg 332

<210> 2075
<211> 458
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. H99364

<220>
<221> unsure
<222> (1) .. (458)
<223> n = a or c or g or t

<400> 2075
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tgtgaggnntt aagcaggggtg gtggcgctcag tcccggggag gcccactcc ctggggagga 120
aatacacggc agggggccgc acccagcccc ccacggaggg acccgtgttg ctctaacagg 180
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aagaagtctt ggcccccgct gcaactgcgc tttggtggct ggccangggcg gggtaaggag 420
gtcaacctcg aaggccgggg gttcccatgt tgctangg 458

<210> 2076
<211> 363
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. H99393

<400> 2076
gagtgttaaa ataattacac ttaatatattt aatagtgtgc tgtgaaatac atagtttttt 60
gtttttgttt ggcaaagtgt tcattttgtt ttaatgactt cggccaata taaagaaaat 120
gaaatacagt gaatagttct tctttcaaga tgagctgtat ttattactgg aacggaagtt 180
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ttttgccccac ccaatacaga gcaattgggg ttaatgcccg gaattccagt gaaagccagg 360

ttg

363

<210> 2077
<211> 397
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. H99473

<220>
<221> unsure
<222> (1)..(397)
<223> n = a or c or g or t

<400> 2077
tgaagtcaaa actgttttatt aatatttgggt gacaaaagaa cttaaattga ccgaaaatca 60
aaagttacat tgccttggtta cagtgcgcct gggtttgtca aggctgctgc tacaaagctg 120
gagaacacag cacagggcga acagaggcaa agcggcccag cccaacagcc gggatggggc 180
agggagcgtc cctcaggccg ccgcggggtc accnganana cntacccgg tgcatgcctc 240
tacggggcct accggaagaa aggggaaacc gaaagcccta gagcaatggg aataaataag 300
agtccctgcc agaaggaagg ttggccttgt gcgtcccccg tcttgttccc atgtagaaa 360
ccggnattct tggaggtgtt tcggattcan gggccaa 397

<210> 2078
<211> 456
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. H99489

<220>
<221> unsure
<222> (1)..(456)
<223> n = a or c or g or t

<400> 2078
gccttaacaa aaataattta ttccacacac ctcccaaggc agggggtagc gtgggaatca 60
agcatgtgta aggcactgcc ccgccagacc cttctaactt ctgcacactg gaaggtgaaa 120
cctggagaga gaagacactc cctcccttag cttctacctg gcaccctcca aagatgagca 180
ttcatcttgg agacaaaaat aaaaaaggac aaaagaccag gctcagaggg agcagaantc 240
aatggggggg aangtgaaan gcagccatct tctcctgcan gctaagccan gggcaanggc 300
actagagacc cacatccttc ccatgccacc aaacttcggt caggggtcca gncaaggcaa 360
gccantttaa gcctgnaagg ccagggaaaa caatgggttt gcntccanct gggnggatca 420
ggcacggant ttccagaang ttttcaaaaa ccccan 456

<210> 2079
<211> 250
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. H99587

<400> 2079
acaatgaatg gctcccaaag tcatttttatt taacaaaggg gtcaaggcag aggaaagttt 60
cccttaatat cccacaact gctccacatg tcttctgtgg aaacacttca ccaggaacta 120
gctcaacact cttgctaaca atttagtgct tatacaggaa ggctgggtgtc tctgttacag 180
gtggcccggt ccttaaagcc tttaggggta atcgcagctg cactgagtgg ccaagcagac 240
cctgttggga 250

<210> 2080
 <211> 403
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. H99727

<400> 2080
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 taaatcaag ttttacaagc aagcatcatg agataaagca gtgaagacgc cttttcagat 120
 cacaccagag cagacaccag tttctacccc agcccacatg aagatgtttt tattcaatac 180
 aaacagtaac agaggcaaca caatggccat agaatgagaa cataagtgc tttgaatttt 240
 ttctgagttc tggctatagg ctctgacaag cctatcattc ttttcttacc aggtgaacag 300
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 tttgaggggc ctttatacta agctacttgg cttccccaat ttt 403

<210> 2081
 <211> 407
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. H99774

<400> 2081
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 ggaattcagc ctcatgaatt atgaaatact gggaaatcat tcatcatgta aaaactggat 180
 ataaaaagaa acctttcctg taagagatta gcctcttcaa aaaataaaat aaaaacctac 240
 agccaagcca ataaaataga gcacgtatct cagcagaact gcagacaatt atgctgggat 300
 tactgctatt cattgggtgg tgtgctggag gttgaaatta gtccagtaaa gcaagaaaat 360
 atatatatag gtataaccta acgactaaag tggaaaagta agagtcc 407

<210> 2082
 <211> 456
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. H99870

<220>
 <221> unsure
 <222> (1) .. (456)
 <223> n = a or c or g or t

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 tagggcacgg ggtccttttg gttccgatta aggaactatc tactctgatt ctggtgatct 180
 tattagtccc tccaggtcac ctctacttca tctgtccgat acctctgtgt aaccccagaa 240
 tcaactgagt gggtcctgtg tccagcccga aacatctccc agccagcctg ggctatcatc 300
 gctccattgt caatacagaa tctctcatct gtaagcaaaa agccgggctc cacgttctctg 360
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<210> 2083
 <211> 452
 <212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. H99877

<220>

<221> unsure

<222> (1)..(452)

<223> n = a or c or g or t

<400> 2083

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aaccattctc tttttagtaa tacatatattg cggtgaaaca gtttaaagaa atgaaatggc 120
tatctacaaa angtttagttt tgattgctgt cttcccccat actttgtgtc ttcacacata 180
aagaaaattt tcaaagattt tatattcagc aattttttta aaagtacact gttttccact 240
gctatggtct ttataaagga cttgacttaa aattttcaa aaaaaagaat taaggttcta 300
ggataactct tgtgtctttt aagagcatct ttatacagaa caatttggac cggcatgcag 360
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aaatcccnna acatatactg gccataagcc cc 452
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<210> 2084

<211> 443

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. H99879

<400> 2084

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caggcagcct ctccccgccc ctgtccactg caggagacgg catcctcagg gccacatttt 180
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gcacactgtc cgtgctccct cgc 443
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<210> 2085

<211> 428

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. H99935

<220>

<221> unsure

<222> (1)..(428)

<223> n = a or c or g or t

<400> 2085

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ttaaaattgt gccttgagg agtgtaggt gaccactggg caatatgact ctttgaagga 180
tctggaacat taggccagat gtgtttttta attaggtctc gcttattaaa gcagaacagc 240
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tctccttgag caaacttttg ggtaagtaaa agtgaattct tggaccatcc ttcccacctt 360
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caatgtat 428
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<210> 2086
 <211> 8966
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. J00098

<220>
 <221> unsure
 <222> (1)..(8966)
 <223> n = a or c or g or t

<400> 2086
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 cagaccctgg ctgcagacat aaataggccc tgcaagagct ggctgcttag agactgcgag 480
 aaggaggtgc gtcctgctgc ctgccccggc actctggctc cccagctcaa ggttcaggcc 540
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<212> DNA

<213> Homo sapiens

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<213> Homo sapiens

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<213> Homo sapiens

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<223> Genbank Accession No. L00972

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 <223> Genbank Accession No. L07077

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<213> Homo sapiens

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<223> Genbank Accession No. L07597

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<212> DNA

<213> Homo sapiens

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<223> Genbank Accession No. L07765

<400> 2147

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<223> Genbank Accession No. L12760

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828

<213> Homo sapiens

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<223> Genbank Accession No. L13689

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<211> 2388

<212> DNA

<213> Homo sapiens

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<223> Genbank Accession No. L15702

<400> 2165

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<212> DNA

<213> Homo sapiens

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<212> DNA

<213> Homo sapiens

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<213> Homo sapiens

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<223> Genbank Accession No. L19871

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<220>
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<213> Homo sapiens

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<212> DNA

<213> Homo sapiens

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<223> Genbank Accession No. L21893

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<212> DNA

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<213> Homo sapiens

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<223> Genbank Accession No. L23808

<400> 2179

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<213> Homo sapiens

<220>

<223> Genbank Accession No. L25081

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<212> DNA

<213> Homo sapiens

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<212> DNA

<213> Homo sapiens

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<213> Homo sapiens

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<213> Homo sapiens

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<212> DNA

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<223> n = a or c or g or t

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<211> 3775

<212> DNA

<213> Homo sapiens

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<223> Genbank Accession No. L49169

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Variable	Mean	Standard Deviation	Minimum	Maximum
Age	35.2	12.5	18	65
Gender	0.5	0.5	0	1
Marital Status	0.7	0.5	0	1
Education	12.5	2.5	9	16
Income	45000	15000	20000	80000
Health Status	0.8	0.4	0	1
Exercise Frequency	2.5	1.5	0	5
Stress Level	3.5	1.5	1	5
Sleep Quality	4.0	1.0	2	5
Dietary Habits	3.0	1.0	1	5
Work-Life Balance	3.5	1.0	1	5
Overall Well-being	4.5	1.0	2	5

<211> 3590

<213> Homo sapiens

<223> Genbank Accession No. L76191

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<212> DNA
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<211> 2051

<212> DNA

<213> Homo sapiens

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<223> Genbank Accession No. M13149

<400> 2250

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<213> Homo sapiens

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<223> Genbank Accession No. M13232

<400> 2251

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<212> DNA

<213> Homo sapiens

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<223> Genbank Accession No. M13690

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<211> 1215

<212> DNA

<213> Homo sapiens

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<223> Genbank Accession No. M13829

<400> 2254

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<212> DNA

<213> Homo sapiens

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<223> Genbank Accession No. M14338

<400> 2260

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<212> DNA

<213> Homo sapiens

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<223> Genbank Accession No. M14483

<400> 2261

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<212> DNA

<213> Homo sapiens

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<223> Genbank Accession No. M14636

<400> 2262

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<220>
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<223> Genbank Accession No. M14949

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<211> 2354
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. M25280

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<212> DNA

<213> Homo sapiens

<220>

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<211> 1452

<212> DNA

<213> Homo sapiens

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<211> 1829

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. M26393

<400> 2309

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<211> 1409

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. M26576

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<211> 1147
<212> DNA
<213> Homo sapiens

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<220>
<223> Genbank Accession No. M26708

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<211> 4910
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<213> Homo sapiens

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<220>
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<223> Genbank Accession No. M27826

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<212> DNA

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<223> Genbank Accession No. M29194

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<213> Homo sapiens

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<212> DNA
<213> Homo sapiens

<220>

<223> Genbank Accession No. M31667

<400> 2331

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<210> 2332

<211> 700

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. M31994

<400> 2332

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<210> 2333

<211> 397

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. M32334

<400> 2333

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<210> 2334

<211> 2862

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. M32405

<400> 2334

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<210> 2337

<211> 1268

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. M33197

<400> 2337

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<210> 2338

<211> 1747

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. M33317

<400> 2338

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<210> 2339

<211> 1748

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. M33318

<400> 2339

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<210> 1944
<211> 445
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. H52937

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<223> n = a or c or g or t

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<212> DNA

<213> Homo sapiens

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<213> Homo sapiens

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<220>
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<213> Homo sapiens

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<213> Homo sapiens

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<213> Homo sapiens

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<220>

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<223> Genbank Accession No. M63573

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<213> Homo sapiens

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<223> Genbank Accession No. M65134

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<212> DNA

<213> Homo sapiens

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<223> Genbank Accession No. M86400

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<212> DNA

<213> Homo sapiens

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<213> Homo sapiens

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<223> Genbank Accession No. M94345

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<210> 2439
<211> 476
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. N20198

<220>
<221> unsure
<222> (1) .. (476)
<223> n = a or c or g or t

<400> 2439
ttnttttttt ttttttaaat attaacgcac acttttttatt atattaaaaat caggcaatgg 60
tctgacaata aaaaggctgc ttatggaata ctgttatgtt aaacttcact tacaggatgt 120
taaatacctta gaactaagggt attcccccca gaaaaagntt antnggnaac aacaattggn 180
tttcagacnt ganagttgcn gntcaaaagg gggttttaca caaataactaa attaaaaaaa 240
aaaaaaaaaac ctttagtaca caatgaattg cttttatttc ggtatgcatc cacatttcag 300
catttagngg tcctgaacag caagtggaaa gaccgcagca atttgccagg aggtcaagcc 360
caccaatttc ggggatctgc tgtgcacacc ggggttcctt cttaatccct gctgaggatc 420
ttgggaagca gcagcagcac caaaaccaag gcatgcaccg gattcaaggt tcnttt 476

<210> 2440
<211> 460
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. N21079

<400> 2440
acttatcatg acaactcaag gtgacatgaa tattttaatga aaatttagaa tataacaaca 60
tatgactctc attctgtgga cataaaagga aaaatacagt aattcatttt actcattaca 120
ttttacaaaa tcagcccaat gaagcagtat tttttaataa aaacagtaat ttaatttcaa 180
acaaatatat taccatccta ttcctttatc ttgtatatat gtatctaatt ggcaaaacat 240
actttactga aatcagtaac aatccaatcc atgatacttc aattgcttcg atcaataaac 300
atcttaaat tgaaactcat ttttcttatg ccataagcct gattatcagt tctataaaaa 360
cgctacacc tattgcttgg ccattaagt gtaactagtc ttctgcacaa ggctaagtg 420
gctaaggtac ttttgaacaa ccacacacaa ttcatcaagc 460

<210> 2441
<211> 464
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. N21359

<400> 2441

```

cttaatacttt atcttttatta tgaaagtgtt tccaaagtaa aatgatcctc ataataatga 60
ttgcttccag agatcaagaa tgaataatta tatttttcata taaaaatcag caaaacacaa 120
taacaataca taaaataaatt ctaattgggt aacagtatgt cattccattt ctgacagaga 180
tgctcaagca ctgaattgtc ttaagaaaac aagtaagggt ttgtcaccta tcctatttct 240
cactgcaagt tgaaaaaaat caaatccaaa caccaccacc ccttctatga caacaaacgg 300
ctgtggaggt aaatgactat gtgggcaaag agttgatgaa aatcatggag cttagggggt 360
ttatgaaact ttgggaaatc aaactcagag gttgttttcc attcttaaag taatgaagct 420
ctaagttaaa gtttcagaat catcacataa ctgttcctat tcca 464

```

<210> 2442

<211> 485

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. N21407

<220>

<221> unsure

<222> (1)..(485)

<223> n = a or c or g or t

<400> 2442

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atttttnttt ttttttttaa gccttcncaa tttttattaa atcctagtct agttgaacaa 60
tatctgatgt tacagacatc atcccatggt gaacatgttt aataagtgaag agcaagtcag 120
acatctcatc taagtcatta ttttctgcag actaagcaat aactacacag aacactatgg 180
gtaaacaacac acctgctcag ttttcacaca agccatgttg tttatcaaatt tagatctgct 240
aatattgaat acagtagatt cgggtgattgt agttctcata taagtatctt attgagataa 300
cattttgaca gtttcactng actttccaaa taagcatacc ataatcnaag aaaagaataa 360
agagtgaagt aaaaactgaa catgaagaga tttaagttat taaaggaaaa tgaagtaaat 420
aaaaagagtg aaaaaccttg ggggtggaag tcnaacaagc ctagacnttt gattgggnag 480
agaaa 485

```

<210> 2443

<211> 413

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. N21550

<220>

<221> unsure

<222> (1)..(413)

<223> n = a or c or g or t

<400> 2443

```

agttttccaac atttttatgtt ttcacgtgtc ttgccataga cctcttttggg ttttatccta 60
tttgggggtcc tcacagcttc ttaagcatat aggtttatgt ctcttgccaa ctctgggaag 120
cttttagcca tttacttctt tatgttttca ggcttgtcct ctctctcttc ccttccaga 180
catagatgac aacatgaaag tgagaccttt tgaggtagtt tcacaggtgc ctgaggttct 240
attcactttc tccccgagtc tatttttttc ctgctaagat tgtgtaattt ctactttttc 300
attggcagtg gatggatttc cttgctctgc accatccatt ctgctgttga gcctatgtgc 360
cagacttttt antttggtgg ttgtantttt ccacttctaa tacttcattt ggg 413

```

<210> 2444

<211> 189

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. N21626

<220>

<221> unsure

<222> (1)..(189)

<223> n = a or c or g or t

<400> 2444

```
taaaggcaca gctttcccag tgtttgtgtt ccttgcttgc gccctgtttt aatgttgtag 60
ttacaggtgt ccagcagga ggaatgcagc ccctgtgggc attgggggag ctgctgggaa 120
tccaagttca aggagcagct gttttctgtt ttctgttgcc ccacagcgcc anctctgggc 180
cccttgggg                                     189
```

<210> 2445

<211> 464

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. N21646

<220>

<221> unsure

<222> (1)..(455)

<223> n = a or c or g or t

<400> 2445

```
tctactcaaa ctataagctt ttattattgt attttacaga tcattcattc aggacatgct 60
gcatctgggg ttggcatcat ttcccttttg aatgacagaa tgtgcataaa agtctcttgc 120
ccacgctgaa ctacacagtg cccggcagaa ggagctctca cgaaggccag ctggatgtga 180
gcttgcctcg gcagcagcag tgctgtcctt gtttctgagc tgccacctat tcaactggagt 240
taagggtgggt caaagctgaa atttagcttg gaatttaaag tttctaattt tatacttttc 300
attgtgggtct ggtcagattt taagtctgct ttaaaatcaa aaggtcactc agtcactcta 360
atatggatcc attttngaatt atggaaattt ggttattttac atgctgtacc tcaaatacaa 420
gaaaagcacg cctcaatatc acgcgtaggg aaaaactagg aaaa                                     464
```

<210> 2446

<211> 364

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. N21648

<220>

<221> unsure

<222> (1)..(364)

<223> n = a or c or g or t

<400> 2446

```
gtttccggat tacatattha ataacatatt tactgaggca ccatataaag ggttccggga 60
gtctctaaag agctggagct acaagaagcc taggcagggt tagagtaaca aatgtgtcta 120
tgaagagtgg ggatgagtgg catttgctgg gatattgggt gtaaagttga taaggatcatg 180
aagggtcaac agatatthtat ggagtgccta gtatgtgggt ggaataagac tattatcaag 240
ggctctaaag cagtcagtgt acatttttaga gtgaagaggg gcattgcagg gtgctantcc 300
tcttaagctc ctgaccggca acccaacccc gtggaaactt ggtatngccc ncttttgagg 360
gagg                                     364
```

<210> 2447

<211> 330

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. N22015

<400> 2447

```
tgtggataaa tatattagca aataaatata tttcttaaca tagtgcctga ttcaagcgtc 60
tgtctgggttc agatataaat acccatgtgg gtacctaggt gctagtctcc ccactaactg 120
agggaaaaaag gttcccaggt ggggtcctct gccactttg ccaccacatt cacattccaa 180
atgggataat gcctgagggg ccaagagtgg tcaggctgcc ctggggtgaa tgtcaccctg 240
atgaggccca tcagctcttg tccactcagt gaggccagac ttgtgctcta atccactctc 300
ctgtgggtcc ctggcctgta tggcttatac 330
```

<210> 2448

<211> 385

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. N22107

<400> 2448

```
taggtttaat gaatccactt cctttattgc agtaacctct gtacaaagca gcaactgcaa 60
tactcaaggt taaaacatta gaaaagcatt tgtgtgacag gtatattaca gtattatcaa 120
aatattacat tttcagactt acttagcaga taatcatcca ccagagctta aatctttaaa 180
ttatttccat agtcttaaaa aatatgtaat gtcagaatgc atataaaaag aatgtaaaag 240
gaaacctaaa atacaaatgg aataatgtaa caaataaata tttgatttca gtaactgtta 300
ataatcagct caacaccacc attctctcta aactcaattt aattcttata ggaataatga 360
actgtcaaat gccatggcat aattt 385
```

<210> 2449

<211> 356

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. N22404

<400> 2449

```
ttcttattca ataaactctt ttattctagt ccacagattt ttccattaca ataataatga 60
aaatagcact agtaattttgt aacactgagg cccaaaggga aaccctcct caaattataa 120
ggtaaagtac acaaagttga acataggggtc agtgttgggc aaaaagcatt taaaatatag 180
ataacgggggt caagatttttg tgtgtgtgca aacactgggg ttttgtttt caggatgaca 240
ccatttttaga aagtgcattga ttttgaaaac tatatgtgta attgtgacaa aactaaaactg 300
tagagaaaaag acaaaatcaa gcaaaaacaa aaaccaagaa accaaaagga agcaaa 356
```

<210> 2450

<211> 305

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. N22434

<400> 2450

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taacaaacaa aactttatatt tcctttaata caaaattaaa tagcaagggg ttttctttgt 60
acagtgataa attagaaatt tacagtacag acatcgatgc agacatactt ttgtacatcc 120
ttaaagcag ggtccatttc ctttgaaatt tagcaattca ttcagggtcat gtgtagcagg 180
aagttttgctt ggtacctctt tgtcaaacat ctgaaagtcc cccagattgg cttcaagggt 240
cctggagctg tgggggtggca tgaggaccca agaaaggcca cagagcatcc agcccgactg 300
ctgca 305
```

<210> 2451
 <211> 345
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. N22854

<220>
 <221> unsure
 <222> (1)..(345)
 <223> n = a or c or g or t

<400> 2451
 tttttatagt aattcgcatt ttattatatt atcattatga atagtaaagt ccacagttca 60
 gtcctcagac aacattcagg taaatgtttt acatatgaga cacctgcctg taatgtgatg 120
 acatgagata tatatatgga tatatatata tatggatata ttttttgaac cactgngatt 180
 tactagtcta ttaaaatgcc attacncatt taaaaactga acaattacaa caatgcaatc 240
 ttcaagcaat taaaaacaaa gaattgttga gccaacatgg gagatctgct gagtaatctg 300
 gcctttcaan gtaatgncta gtggaaaccc tgttttctcc ttcca 345

<210> 2452
 <211> 375
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. N22938

<220>
 <221> unsure
 <222> (1)..(375)
 <223> n = a or c or g or t

<400> 2452
 aatttgacaa acattttattg aacacctcta ggtgccctat accagttcct ggggacacaa 60
 agctcagtga ccctgtgtcc ctgtctgggg gganaagtg gtggctcaca gccagtttcc 120
 ctgagagcag aggagcagga agctcagtat ttcttaggca ggccgctcagt ctgaagcggg 180
 cggggtcttt gccactccgg cccatttcct cagctttctc gttggacttc gagtcctcca 240
 atacagtgtc gctgggtcca aataaatagn agtctattaa tccctgaaga gtagaccctn 300
 gaacggctga tgaagtttag gagnccagga nccccccaa ggtcctcttt tgggggcagc 360
 atcataagnt tcccc 375

<210> 2453
 <211> 442
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. N23319

<400> 2453
 gaagaggaca tcttgtaata aattttattgt attttggtac attttccact tttctcttaa 60
 ttccaactgt atactatata atcaacgctg tttcagaaat aaaatgtttc aaacgtaaaa 120
 atataaattc tgcttcttaa aagtgcatac actttgaata ataaaacata caaataaata 180
 acagaaatca gtgacacatc tcatgcactt gttctaaaat aaatttataa tgtacgatac 240
 acttttcttc cagcctctag gaaagacatc ctgccttcca tattactgta caactgaaaa 300
 tgaaaacgac acagaaatca ctatccacgg tgcagtagta ataccaaagc actttgtgta 360
 cagtgatgtg acatgcagct ttcaagacaa ctacagaaat tccagtgtaa aaactgaaga 420
 gttcaatcaa gaaacgactt at 442

<210> 2454
 <211> 490
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. N23665

<400> 2454
 tttttttttt ttttttttta cagagtggga aacaacttta atgagaaacc cagtttccca 60
 gtttcccttt catttcaaga ctatgacatt ccgacttctt tgagggtctt cattgcctag 120
 gtggcctttt tctttagtatt aggcattctt agagctcttg gcatgggctt gtcttggcca 180
 aaatgtcttt tagcaaagta atcatatatg ccaataggaa atagttagca aggcagatcc 240
 acaagtaagc gcctttccct ggctgtgtaat aggcataaag gctcttcgcc aagatagcat 300
 gctggatgtc ccgcagcacc ggagagaagt ccttgctggc taacgagttg atcaatagga 360
 ggaaattccg ctgtgctaag atgtagtcct ggccgtagtc ttctgtgacc tcagcgggga 420
 ggtggtccag aatgtccttc tccagctttt cccacttgct actggtgcct gcgatatttg 480
 ttaagaagcc 490

<210> 2455
 <211> 375
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. N23730

<220>
 <221> unsure
 <222> (1)..(375)
 <223> n = a or c or g or t

<400> 2455
 tcgcattcaa cttaaagtnt taacatngac aatgtcttgg aacaataagc aaacaatgct 60
 taaatttttc attcaaattc actttccaca tgtcaaaaaga cctcaaggta gaaaaaaata 120
 aaataaaaaat ataaatatct gagaatccat cttaataaat aaattaaaaa cncnnnccaa 180
 cgtttttcacn nccccntggt aatgtcagaa cattcagacc acctcaacaa tgcattgatca 240
 gtaacattac aatgaacatt gatgttgaag aaaaactaca gtacatggat atagctatct 300
 atttctatct accagaaaat aaagtcgtat cttttcttag tataatattg gtcatttcta 360
 atcagaacac actat 375

<210> 2456
 <211> 419
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. N23761

<220>
 <221> unsure
 <222> (1)..(419)
 <223> n = a or c or g or t

<400> 2456
 aaagatgata aatcattaag tttataacac atagagagta taaaccaaga aagtaaattt 60
 atttaaatta ctaaaatagc ttttaaagtc atttacagat cagctgctat aattattttt 120
 cctgaaagac ataggtaaca tattactttt aaattacttg ggtcaatgaa acatttaata 180
 aaaacatttg tttctctata taatacgtat gtataaaaata agccttttca aaaactcttg 240
 ttttcataat cctctataaa tcagatgatc tgacttctaa gaggaacaaa ttacagtaag 300

gggtatacat ttatgaatac tggtagtact agaggaaaga cgtaaaccac ctctactnac 360
cacttggtgga actctcaaag ggtaaattgac aaagccaatg actgactcta aaaacaata 419

<210> 2457
<211> 593
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. N23817

<220>
<221> unsure
<222> (1)..(593)
<223> n = a or c or g or t

<400> 2457
ttttatacct ttatcttctt ggaatgggtca gattctgaac tggacagtca gaaccacagg 60
tctgctgtta agggatttta aattgtgcat ttttaaccct acagtgaat aacttaagat 120
atccctgtgt tcacagtgtg aggggctgtt ttatgtcatg ttggcataaa ttgttttgta 180
aaagggaaaag tgtttctaaa ggtgtttcag cgcttgctgt gatacaaagt aagttattac 240
tttgcaccag gtgggtttggc cactgaatta atactgtata gcaagagaaa caatcttatt 300
tttttggaca acatgtttta ttaagttctt catttctgtt gatttttttt attgcattta 360
tgattcagtg gctgggaatt gagaatttat ttggaatagg aataggtaac acctccagcg 420
gtacctatag aaaatgcact ccagctccaa ctgcctgggt gtttnaaaat acacatttta 480
aaacccnct tttaccgnca cctaaccatn aaagtacctc cttcctgggg ttggttaacca 540
tggtgggttag gncccngggt attggaatag cccatgggtta ataaaagccc aaa 593

<210> 2458
<211> 490
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. N23868

<400> 2458
tttttttttt taaatgacca ataaatattt taatcactgt taaaaaaaaat aaaaaccttg 60
tactctacg acttactccc tccttgtctc caccactcc tccatgagaa ccgagttggg 120
aatctccacg ggaagtcggg ggtggcgggg agagacaggg tagaaataaa gagcgcatcc 180
ttgagagggg gtaggttcta ggacaagggt ggggctcaa ggccttgtct ccacgacaac 240
acaaacacag acttcaggca cagactacaa ccacctgacc cctgacctg tgactgcagg 300
atgttcaaca cgccccctct cctcctctcc atgtgcaatc tactctgtgg agcaggggct 360
tcagtgtacc catcagaggg aaaggaaggg tttagttctg gaaatacctt gggggggagg 420
ggttgagtag tagaatgggc ggggtgatgg gaaactgtgg ttccccctcc agaatatata 480
caagtccaca 490

<210> 2459
<211> 425
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. N24879

<220>
<221> unsure
<222> (1)..(425)
<223> n = a or c or g or t

<400> 2459

aanaaaaggc cctcaaatat atacagacaa aaaattactg tgaagatddd ttcgggaaaa 60
gctaccaaatt tcagtgttgt gagaaaaact ggtaaccatg cagaaatddd aacatctatg 120
aatttttttt ccaaaatata cacatatddd tttaaaaaaag gaattctgtg tcaagtataa 180
ctcaaaataa atacaaattc acaagtagaa ctattgaata cttcatatgg ggtaaaccacc 240
attatctccc aactagatcg ctagatctac caactgcaag cgattgtccc ttttgaacgt 300
actaaaacca cacactttcc catccctggg gtcctgggcc ctctgagcac ttaattctca 360
atgggcacct ggctgcatg gcagggggct ttgctgacca caagagagtt cccagttca 420
gccag 425

<210> 2460
<211> 454
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. N24899

<400> 2460
gttggttgaa aaacatttat tgcaattcag tgtcaaaagt tttttacaaa aatatgccac 60
cgtctggtac aaacaactat aaaaaatcag ttcattcatg aagaaaagtg tgcaaataat 120
ttatacagaa ggactcagct cacacaatat taaataaaca tctctgcatg taattggtct 180
aactttatgc tttagttaca atgttcaacc ccctctaata cttttcattt aaaaaagtac 240
attaaagctt ctaagcttag gacacaggct gtaatatagc cccactttag ccatgggtgat 300
tggcacttgg tagaataaag attggcacca aggattccca agtatagaat acagcttggg 360
gccttctgct taacagactt gtgcttcgtt aattaacaa acacatctat actcaaagac 420
agaaaaagtc atgttttaac tccagaaata atgt 454

<210> 2461
<211> 463
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. N24973

<220>
<221> unsure
<222> (1)..(454)
<223> n = a or c or g or t

<400> 2461
cctgatgata tttatttcat aaatgtaatt atttttctaa aacatattaa aatagaaaac 60
atgttctttt aatcaatcaa tttatacaaa gaaaatacca atatagtaat aaaaatactg 120
aaaatatatg aaaagcacca gaacattaga gaaattacac tggcaacaat tctaggaata 180
tatttttttt tgtagttgta caataaagtg ctattaaatc cagtcaaaat tagtggcaat 240
atataaaaaac agttatggta gtatgaaatt tgaggccagg tttaccagca atcgcattdt 300
taggctactt gcagatcaag gtaatgatat ttcactaatg ctttcatgga aaatctattd 360
aatttccatt cctaagtga aacaaatatc taaatctaaa tgggtgggtt ccntgggtaa 420
tttgggtcnt gaatagggtg atggacntgg attaaaaata aaa 463

<210> 2462
<211> 454
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. N25082

<220>
<221> unsure
<222> (1)..(454)

<223> n = a or c or g or t

<400> 2462

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agacgggctt ggtgacccgg acccggactc tgtgctcagg atcctcctct gtaggttggg 60
gtgatggggg aggctttttg gggacaaccc tcttttctt gtgcttcttc accagctctg 120
gactctgttt ttctctccagt cttttgatga gtttgttgag agtggatgtg agagccagca 180
ttgcccgatc ccgctctgac tccttcttca gcccatctgg gtccagctct ttctctgtct 240
ccgaacggag ccggtctcgg tctgacggaa gcaggatccc ttccagttcc ttctcaaatt 300
ctcccagtaa ctgccgttca tcctcatctt catcctcatc ctcatcctca tcctcctctt 360
cttccatctc tctctggccg ttctggatca accctttcct tctncggggg ncctctgaag 420
gaattctgga aggaataatc caaaggggtg tctt 454
```

<210> 2463

<211> 454

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. N25193

<400> 2463

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cttaaatatg tcttttttta aatgtttgca agaaactcta agggctaagg aaatgcactg 60
cattatgatc tgggctcctt agagtacaaa cctcaccagg cttaagcatc atccataaga 120
aatggtggat tacttaatga cttataagta aaacagtcac taaatcgatc ctttcatact 180
ttaatcctct tatgcagaga ctgagatact tccatacatt ccaatatctg caactttggg 240
tctattaaag tatttgataa aagcaaaaaca attttgtgac cacagaactc tatggaactt 300
tttttccttt taaagtgtca ggtgaacccta gcgtgataag gcaatgttgc ctacacatcc 360
gcgaccagc acaggaggga cagcacagac agggcatgtt ccagctcacc atttgttgta 420
taatactgac tcccagccag gggtaacact ggct 454
```

<210> 2464

<211> 450

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. N25262

<220>

<221> unsure

<222> (1)..(450)

<223> n = a or c or g or t

<400> 2464

```
gagatggagt ctctctctgt cgccaggctg gagtgcagt tctctttaaa aaatgtgggc 60
caggtgcagt ggctcgcacc tgtcatccaa gcactttggg aggctgaggt gggaggatca 120
cttgagccta ggagttaaga gaccagcctg ggcaacatag actccacaca aaaaaatttt 180
tttaattagc tgggtgtggg ggcatgcacc cggccttacc aggctaattt ttaaaaacat 240
gcgtttttta ttaccaggat ttacctgata aaactactct ttgtcaagggt ttaggactt 300
ctgaaaagac agaactaagc tttgttgctt ttcacgaagg acagatcagt tccgtctgta 360
taggctataa gcaggtaagt agtgcactct attgggtgaa gggaatttct gttggtttgg 420
aaagcccaac tatagctggc tngcatggan 450
```

<210> 2465

<211> 424

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. N25969

<400> 2465
 aaatataaaa aggtagctaa acacaaagta cagatcagaa accctcattt aatatagatt 60
 attttggaaa ttaaaaaatt tgtaacaagg tggctttctt acccacccta aaatgtaaatt 120
 aaaacctctt cccagattt atacttcata cttggtaaca acctaaaagt ttttcaaattc 180
 tatgaaaaaa atctaccatg accaatttaa attacctggg aaagggcagg agaagggatc 240
 aataacagag tcagttagtt gcacacagat ggaaaaatgc ttgcagtcac tcccaaatat 300
 aaccttacat taccttatat ataaatcaca atgaaaataa aagtgcctac attacagaac 360
 tgtgaaattt tggtttaaaa aaataataaa aataaactgg tggggtatca ttggaataat 420
 ggta 424

<210> 2466
 <211> 453
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. N26184

<400> 2466
 ttttttttgg agttgcatac attttttttt aatccaaaga agtaagcctc ctaagtattg 60
 cttagacagg tttatcagaa ttaagtaggc acaacactca tactttcaga aaagcatttc 120
 cagccagggg agtaacgtgg cactcaccag catgatgtct gttttgcaa cttgctgaag 180
 aacgagtaac ctgaaatgaa ggagcgagaa tcccaccctc agccccccaa cagcttcctc 240
 agcttctttt tcttctgagt cacccttgaa acagtcgctg catctaagac cagcctcggg 300
 ctaaaccag ctggcctgaa ggctcaactc acatcaaacg gagctgggag tcgcttttgc 360
 gtgtgtccgc agtttgaagt gtcctctccg aaggtggaag tgggggaagc aggtgcgctc 420
 cgggatgaag tgcagggagg caaactctgg ctg 453

<210> 2467
 <211> 437
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. N26186

<400> 2467
 ttttgagttt catcaaaaga attttattta cagctttatc atccatatgc cactaaaatt 60
 cacctgtttt ctttcaacct gcactcattt tgattgcctg gaactctgga ttttaattctt 120
 ccatccact ttgtatcttg cattcacttc actctctctc cagcttttat tctttctttc 180
 tctttcccta ggtccaatgc acttgaccca actcacatgc gtggactccg ggaagggtact 240
 gctccctccc tccaaattct gagcagtaaa atgccgcccc ggggactgg ggaacagaaa 300
 ggaatgagac cccaacaggc agaagccaag agagcgggga ggagccatgg cgtttctggc 360
 ccaggatgca ccacgcctgg gacgtgctcc cccgaattcc cagtgtccag gtggcccata 420
 tggccaaacc tcagggg 437

<210> 2468
 <211> 445
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. N26904

<220>
 <221> unsure
 <222> (1)..(445)
 <223> n = a or c or g or t

<400> 2468
 aagtttttta aaatttatta tttattattt ctttttgctc ttgtttcggt tctcttcctt 60

gagcttcttt ttggagactt tgggtctatt ggcttttctg tataggtgat acccaatgag 120
gccaggagg ntccgcacca tggccatccc taccagaggc aaaatgccct tcaccagctt 180
tanccagtag ttggctcgga ttagtgcaat cagctccacg tcatactgca cactgcatc 240
cgctgggaca gatggtggaa atccccgttt tccataggcc aagtgagaag gaatgattgc 300
ccttcgcttc tctccacac acatgtcgag aagactctgc tccagacctg gaatcacctg 360
cttttggcca agttctataa ccagagggtc tctggtccag ggaggtgtca ataatacgtc 420
catctaccaa gcttcccggtg tagtg 445

<210> 2469
<211> 434
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. N27186

<220>
<221> unsure
<222> (1)..(434)
<223> n = a or c or g or t

<400> 2469
ccattcaaga acccaaaggc ttttattttt attttttcaa aatagaagta ccttttttcc 60
ttttattata caagtaacat acttacgggtc aagtcagtca aatattacat aaatttatca 120
tgcggaaagg gaaaatcacc tataacccaa ttcctcagag ataactgctg tcagaatatt 180
atttcagagt tctgctatac acaaatacgc atgtttcaat ggggtacttc agggaccgca 240
tggagatccc ttaagttgaa actggacaaa cagaacagtg gatgggttcta gctgagatct 300
gggatagttt ctgaattcag aagtgttcac cagccacatt gcatgtatta gctgggaacc 360
atatatgaaa ctacgatact ccagctnttt ctaacctaca aacacagtga ttacatatgg 420
gctcaactta atgg 434

<210> 2470
<211> 429
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. N27334

<220>
<221> unsure
<222> (1)..(429)
<223> n = a or c or g or t

<400> 2470
ttttttttga gtgtggccct gntattttat tccatgtgct ggccctgggg acccagctgg 60
gccaggctga cgccctggg gagacagtgt ggctcggcag cctcagtggc ttctttgggg 120
tgcaggaggg ctttgggggt aaggctgggg aggaacagga agtaaagtgc ttgcaggggc 180
cctcggcttt ggccaagcca ccctccctgc tccggggcgg gccagacgga acaccctgg 240
gctgtgaaac aggactctcc agggcccagc aggcctgggt gaggggcaca tactggctgg 300
caggcatggg tcccaacacc cgcagccacg gaggtcttgg cggggctggg ggccggattg 360
aggggtgagt ccagaaccga ttgtccgctg attgtctgct tgtctgggtc gtggctgtgt 420
cggctcttc 429

<210> 2471
<211> 445
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. N27524

```

<400> 2471
gcaat t t t t t c t a t t t t t a t t t t t t t t t t t a a g c t c a t c a a c t a t g g t t a g t g t t a g t g t g t t t t a 60
catgtggccc aagaaaattc ttccaatgcg gtccagggaa gctaaaatat tggacacccc 120
tgcctagggg aacttggttc gtctacttgg ttagttgtcc taattgcatt ttacctgcag 180
tccaaagggtt attttagatg atagaactgc aagaaccca aacccaaaga aagaatcggt 240
gaagtgggtt ggagaggagg tcat t t t c t g a g a t a c a t t t c c a g g a g a a a t a c a a g t t t g a 300
gagaaggagc tggtagttac tgtgtgcaag tgtttttctt tgatggggaa ggagtagttg 360
gcaaagggac aggaatctgt gtgtacattt cctgctcctg tttccttaac caccatcctc 420
agggcatctc tgggcacctt ggggt 445

```

```

<210> 2472
<211> 437
<212> DNA
<213> Homo sapiens

```

```

<220>
<223> Genbank Accession No. N27563

```

```

<400> 2472
cagggcaggc gacctaattgt aggaaactta ataaaccctt gcattgatat aatgatctgt 60
caggttttca tttgaacagt tctccaacat tctctgaact gccaaataaa ctgaatctaa 120
gccctat t t t t t t t t t t t t a t g c t a a a g t g t g a a t g a t t c t g g a c t a t c t a t g g g a a a c a t 180
ttcctaacaa t g t t t t t a a a a g t c a t a a g g t c a a a a c t g c a g t t a t a a g a a g a g g g t g 240
aatgcagtgg ctcatgcctg tagttccagt gctttggaag gctgaggcgg gaggactact 300
tgaggccaga agttcaagac catcctaggc aacacagcaa gacctgtctc tacaaaaaaa 360
aattttaaaa ttagccaggt gtgacagtgc agaaagggtga ggtgagagga gcacttcagt 420
tcaggagttt caaggct 437

```

```

<210> 2473
<211> 513
<212> DNA
<213> Homo sapiens

```

```

<220>
<223> Genbank Accession No. N27670

```

```

<220>
<221> unsure
<222> (1) .. (513)
<223> n = a or c or g or t

```

```

<400> 2473
ggtgttcgag aatgggaaat gcagttttaa gaaaaatatg attatgtagg cagactccta 60
aaaccaggag aagaaccatc agaataatac gatgaagaag ataccaagga tcacaataaa 120
caggattgaa ctttgtaaac aaccaaagtc aggggccttc agaactgcaa ttcttactcc 180
ctttcacaga ctgtccggag tctttgggtt tgattcacct gctgcgaaaa acattcaaca 240
aattgtgtac aagataaatt aatctcacta tgaagatttg aataactaga cattat t t t t a t 300
gctgccaaac tcatttggtt cagttgtttg taatgtctag tggggcttca tcatcctgga 360
aagaaggaga caggggattt ttttaaagag caagaaagtc accaatatta cttctttcct 420
tccttttttc ctttctttcc tttctctcct tctcctttcc tttccttttt aaaatatatt 480
ggagnccacc aggatatggn atttgctacc cca 513

```

```

<210> 2474
<211> 483
<212> DNA
<213> Homo sapiens

```

```

<220>
<223> Genbank Accession No. N27834

```

```

<400> 2474
taatgttcaa gatttttttt ttctttcttga gcttgcctag cttagcttca ttgtataaaag 60
ttaaacttca tttcttttaa ataatacaaa gccatcagag tttagtaatt gtattctttc 120
tttagttatt tacttatcta ataagaactt tatgttttagc ccatttcctt taacttaaaa 180
acaaacactg ccttcattgt accaaattac tcttcacaat catgggttcat ttaattctgg 240
gggttgctag gagagagctt aattaaacca gtatgaactt agatttccag agccaagtgg 300
tttcggcttg cacatcaagc cacaatcgtg attttccacc agccatgttt acagtagcca 360
aatatcctcc tcaaaatgtc ttattgtagt cagaattgtt gtggtaaaact aaatccttag 420
taggaagtca tatcccttca aaaatctaag atgaagtaac tataaaaaga cgtgtgaaaa 480
cac

```

```

<210> 2475
<211> 473
<212> DNA
<213> Homo sapiens

```

```

<220>
<223> Genbank Accession No. N29319

```

```

<220>
<221> unsure
<222> (1) .. (473)
<223> n = a or c or g or t

```

```

<400> 2475
atgtcttcag aagtttaaca gtgatacaac tttggcacga tacagattaa aacaatgtcc 60
ttagaaaaac taagtacaaa gaaaatcatt ctccctctcc tgcttggtgt cacacttcct 120
cccgaatctc agccataaaa agtccaaccg ttggcacaga tcgttctcct gggtatacat 180
taataaaaagg gcttaggatt ttatggatgg ctctatataa aaaaaaagtc cttgtttgtc 240
tcacgtctgg ggcattatgg tgggaactgg ctgcaaaagt cttcatggag tttcagagat 300
agactttgcc tccaggaaat ctgagtcctc tccctggctg gcaccactaa ctagtatata 360
agtctaaggc atgtggctgg aacctcacta aagcctcagt tttgtaaaat aggggataat 420
aatagttgcc cttctcccn tactctaatt aggcaatgct acacaatctt ttt 473

```

```

<210> 2476
<211> 474
<212> DNA
<213> Homo sapiens

```

```

<220>
<223> Genbank Accession No. N29353

```

```

<220>
<221> unsure
<222> (1) .. (474)
<223> n = a or c or g or t

```

```

<400> 2476
caatgtagct atttattata tttttaattg gtatttccta atctgagaaa gtccatatat 60
tcaacattta tttcgctcta aataatggga taacaattac attaaactttt gatttatgtt 120
ttactggtca tgatggaccg actactataa caagcaacc caacatttca gtgaattaat 180
acagagttta ttgctcattt caggtcacag ttcagtctaa taatgtattg ggtggaggaa 240
gatgggatct gtcctatgca gtcatttang gaatctaggt tccttccatt gtgtgatatt 300
atgatcttta ggcgttggcc ccaggttct thtagagagg aacagcagag aggagaagcg 360
gaaaggaggc caagaaatat tattccgatg ttgtacccca gggacacgga gaagaacaat 420
gtttgttgat gacatttagt ctgtctgcta tagtatTTTT cccaactga ttag 474

```

```

<210> 2477
<211> 289
<212> DNA
<213> Homo sapiens

```

<220>
<223> Genbank Accession No. N29484

<220>
<221> unsure
<222> (1) .. (289)
<223> n = a or c or g or t

<400> 2477
agaggttgat aaatgctttt aatccccaca ttccacacac gggggacgct gtcattcaca 60
ttttcatatt tctgttctgg tcgcagtctg tgtcctcacc accctcatga atgagggact 120
ttgatagatg cctgggtttg tgggctctgc ggtactggga aggagataca caaaggggtcc 180
tcggaggagg gtgtgggana gctttgaagg ggacaaccac tgcngacacc tggagggggag 240
ctaaggggaa natcctgaga ctttaangag acattggaat ggcttgggc 289

<210> 2478
<211> 485
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. N29543

<220>
<221> unsure
<222> (1) .. (485)
<223> n = a or c or g or t

<400> 2478
tcagaaattht tcaattttat taatattcaa tttacgtaac aggctcaaht tttattaatt 60
gaattctgca tccatacgaa tttagtctta atttataaaag caacttactt cgatactctt 120
ccttgaagta tgttataaaa tacaacgttt aaataaacat cacaaaaata ttgtttgtcg 180
atcattttttg tgactttaac agagaaatct tcaagtttat aatccactca ttcttgctta 240
cagccagaca ctacataaat ccttaccaaa acaaaaacaaa cccaggtagg ttcactgtta 300
cccctaggta tgcttcgttg gaattcaccc agagaaaaccc attttccctc taacggagtc 360
caattacttt ccattctcta caggcatctc aaaaatggac tataataatg gccatgtggc 420
tttggggggga ctctgggaga aaaatggaac atttaattaa agggcaatag ttgggttcaaa 480
cagng 485

<210> 2479
<211> 394
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. N29740

<400> 2479
ggaaataagt caaagcattg tttattttat acatattttac atattttacaa aactgatttt 60
actcaatata tcatcctgcg taatatcata aaatgaacac catatcctgg gaataaaaaat 120
ccatatttct taataattta tgtatagccc aactttttaga acatagaata ttatcaattt 180
ggctttcccaa actacaaaat cctgtttata attttttcta gccaaggaac agagtagatt 240
caacagcata ttaaagtaat ttagttaacc ctgagtaatt actaacttgc ataattttga 300
atggatcgta tataacacac tttcatctgc acttagatac ttatactatc acactacctt 360
tttgtattta tccacctcaa ttttcaactt catt 394

<210> 2480
<211> 399
<212> DNA
<213> Homo sapiens

<220>

<223> Genbank Accession No. N29742

<400> 2480

```
cagaggatct ttacatgttt attaaatctg aatttgaaga tacattccaa tcttgcataa 60
agtgtttgtt gggctttttac attacgtaat taaaaaaciaa aatttttttaa ccaattttat 120
gtgccatgtc acgttttaatg ctatcttgtg tgaccagatc ccaccagtaa tgacaaaact 180
gtcttaaacc tcattttttt tttttttttg agacaagagt ttcactcttg ttgccccaaac 240
gagagcaatg gcaccatctc gactcactgc aacctctgcc tcccagggtc aagcaattct 300
cctgcctcag cctcccaagt agctcgggat tacacgcatg cgccaccatg cctgggtact 360
tttgtatttt taatagagac aggggtttctt catgttggg 399
```

<210> 2481

<211> 378

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. N29764

<400> 2481

```
atctgtaata gtttatttta aagactttac atttacaagt agaaacaaca tgtgttatct 60
gtgggtaagg tagagcagga actctaatac aagggtgggg gagatcagtt ggttccttca 120
cagaaaataa gcctgttgtg tgggcatctt gcttgccctg agatctttgt tcccagttca 180
ggagggtttt attcagtgtc tgcttcattt actggaaaag ttcactgggc ccacctgtca 240
actccttccc ccacagcttc cagctcagca gcaaaactgta gggaacagat ttactcccca 300
gttcctactg taaataatgc ttaagaaca gcatttcctt tggacagtat gtcatagacc 360
caatttttaa tactccca 378
```

<210> 2482

<211> 271

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. N29888

<400> 2482

```
ttaaaacaca ttaaaaactt tattgtaagt atcaacatct aaatttgcac caatttgata 60
catcgttgct cattttgcag aacataacag ttgcacattg caagagtcaa cttgcttcgg 120
gtcttttcat gtcctatggc gtccaccctt gccttccttc tccctgacct gcctcctgtc 180
ctccacagtc tgccctgcct cctgtcgcca caggttgaag acccaagccc tgaggagaac 240
ctgctgccag ggggctggct ggctgcgagc a 271
```

<210> 2483

<211> 427

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. N30436

<400> 2483

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ctttaatat gaattttatt tctgggtata gaaacaaatg ctaagaggag aaacaaaact 60
tccccatcca catacaacia tttaatagat aaaagaacag ttaaaataaa tgaaaaacia 120
aaagtagaaa ttttaaaact tgttatagct ttaaaacatt aacgtctgat acaattagaa 180
atcacattca gatctcaaac tcttaaaaaa agtatggct ccttattaaa aaaataactgt 240
atcccacttg aaatgaaaac acaggttgcc tgctgttgac atgggtgggg ctgtcccttc 300
ctctggtgtc gtgcgtgccc cctcccgggt ctggggtgca gccacacccc cccgccgggt 360
ttctgcactt gtccctgggg gacgggggac tctggatggg ggccacgggc ggacccccac 420
```

tccactg

427

<210> 2484
<211> 585
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. N30856

<220>
<221> unsure
<222> (1)..(585)
<223> n = a or c or g or t

<400> 2484
gattaaaaag agaaaatata ctgtaaaata tttattttaat aaaaataatt ttataatcta 60
tacagaattg aataaaaagt acaacaaatt attttcactt atttacaaaa ctgcatacag 120
tacaacttgc acattgagtt cagcatttcta taaatatggc cacataccaa gatgtgaaca 180
tattcttgtc ttatataaga aaaggctcag gttgtatgcc acaaaactttg aattaaattc 240
cagggaaata ttgcttttgt aacatgaaca atttgtacca cattccatta aaaaaagatt 300
taataaaatc cctcaaacag cacttttcta cttgtttcgg agtacacaat tcccaaatta 360
gcacaaacaa aacaaagcaa aaaaagaaaa acagacagaa tgtaaaatgn aggttgctac 420
ttttatgata tcacttccct ttcccttccct tagctagtgg tcctttccct tcccctaata 480
gtaaggggtg gngaattgaa atggcctatt cctatcccca tccatttgcg tccaggatcc 540
ctgcttaacc naatgnggta tggtcgnctt ggccacctgn cacc 585

<210> 2485
<211> 408
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. N31570

<220>
<221> unsure
<222> (1)..(408)
<223> n = a or c or g or t

<400> 2485
ntgaaaaaga ggtgcttttt actctagtat tccttgttct gggatcactt aatcactatt 60
tcgatgatga aggaactctg aactcctaag caaaccatgc catgacatac tttatatata 120
tgcacaaaag ttggataaaa cacaaaacca gcattttgac aaattcactt taaaatgttt 180
tccacatcaa ctacttaaaa gaagttacag caatatgatc ttccactgct caggaagaca 240
gagtgaactt ggatatgatg aatattaaaa acaaacatac agagcacctg ggtctggact 300
tgtgggctaa agaaatgctt cctgaatttg tccgaggtga tgtgttgagc aaccgtgcca 360
cagttcacca gcagtgcac tctagttctt cagtatattc ctgttgtg 408

<210> 2486
<211> 412
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. N31597

<400> 2486
gttaaaat tttatattaa aaagtggcat gaacttttta tgtagaacia aaatcttggg 60
aaggcaaaat tggataaaac cattaaaaca gaaatagagt gcttcaaag aatcccatca 120
ccttgtgatg tcccttatta acagtctcta aaccaatacc agataccaga acagtccatc 180

ctaaagaacg agcagcagtc cagggcctcc acgctacttc atgcaataac tgttttaaatt 240
aagccagcag gacctgtttc ctttgtataa gctacaactt ctgaagcatt acagttcctc 300
tagcacggtg ctcaatcaca gcacttggag cacctctctg cataaaggca aacaaaacat 360
tgcctaagga ccctgcaatg ccacccttgg agggcttaca aaacagtagt ta 412

<210> 2487

<211> 422

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. N31598

<400> 2487

taaagatttt tatgtctttc agctttggct attttgtaat aaatatcata ccttctcaca 60
taaacctact tgggtaagaa tgatttctct gcacatgcct ttttttcttt tagcagctgc 120
tgagtgtttg ttgagtgcag tacaaggcac acctccaagt gttctgtaca gcatttttat 180
tgatgtacaa aatagcctgt tcaccattca aaaacgtaat ctgcatagta agagtttctc 240
ttatccctat ttacagagaa ggttttttagt gcaaaaaacat gaaattgtgt cccagcccac 300
cccttctagc acacgcattg atcagttttg ttccatgctg gccggggggt atttggttat 360
attttgggcc tccagccatt aatgaattgc attatcttct tcacctggca atttgctcaa 420
tt 422

<210> 2488

<211> 276

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. N31741

<400> 2488

tttttttttt ttttggcgac atagtatttt attttcctag aattatgtcc agctgtgaga 60
aagccagggt caaatttaaa tcctttaata acctgtccca gaattactaa caatgagact 120
taaacaaatt ttgatttgtg aagaaaacat gaaaaaagtc caaaagaaac cccctcaaag 180
ggccccagtg tcaacagttc ccctttggag cagctcatcc atctctcagg tgggggtcct 240
ccggcaggca gcttcctctg tggcgccagg tgggtc 276

<210> 2489

<211> 568

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. N31952

<220>

<221> unsure

<222> (1) .. (568)

<223> n = a or c or g or t

<400> 2489

cagtgaaaat acaactttat attaatcatc tcaataatac agattacaga actgagttta 60
cagattacag aacttttcat actttgtggg tcagaaagga taaccgtaaa ttactgtctc 120
cgctttatgg gtggtaaaaac tgagccacag agaaatttct ctaagaaaat ttaaaaggaa 180
ttgatgttca ttaataaaat atcctcactg atttttttta ggtagaaaag tacaatgcac 240
agtgttaaaa aaattactgt aacagcctca tgttcgagaa gtctaaaatt ttaaggctac 300
tacatgtgtt aattttcagt acatgtccaa cagaaaacat cctttattcc agttacatcc 360
tgaagatacc gaagtcagtc ttctctattg gtgcgttgag ggctgcacta aaactggaga 420
cccaagacca gtctgggtgc tgctgggatc aatgatccca tcatcccata cccctgcgct 480
gggaatagta aggggttccc tcctcttcca acntcctaag ggatgggggc cttttaaaagc 540

cgcttcatca gcaactggggn actgcttt

568

<210> 2490
<211> 363
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. N32071

<220>
<221> unsure
<222> (1)..(363)
<223> n = a or c or g or t

<400> 2490
catttaggaa attgcattta ttgggttaag ttcaccctgc tattcccagc cctcatgcta 60
taatgatctt tccttttgca aaggaataac acagagcaag gaagtctgct gaaacttctg 120
agatcctcag aaatcaagag aaaccacagt cgcttttctc cgatctccat ccacagtgtt 180
ggagaggatt tttcagcacc attccgagac ctggaaaggg tgatgaactg ctttgatttt 240
tctacttctc catacatttg gccaaaaagg agcaatcctc ctggctagaa aaggggcatg 300
tcctgctttt tctctgaaat cacaatatta gcagagtggg ttcagttccc tngtgccac 360
ngt 363

<210> 2491
<211> 478
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. N33009

<220>
<221> unsure
<222> (1)..(478)
<223> n = a or c or g or t

<400> 2491
gcgaccgaca cgtcctccat gtccgcgccc agccggnctc gcgcccctg cagctccttg 60
gacagccgtg cccgcgtctc ctccgccacc ggggtcagtt gttcctccag ttccgatttg 120
taggccttca actccttcat ggtctcgtcc atcagcgcgc tcagttcctg ggtgacctgg 180
gagctcgagc agctcctcct gcacctgctc agacagtgtc tgcacccagc gcaggtaatc 240
ccaaaagcga cccagtgccg gttcccagcg ctggccgctc tgccactcgg tctgctggcg 300
cagtcgnggc tccggctctg tctccaccgc ttgctccacc ttggcctggc atcctgccag 360
gaatgtgacc agcaacgcag cccacagaac cttcatcttc ctgcctgtga ttggccagtc 420
ggctcctggg gaaggacgtc cttcaacctc gtgccgaatt cttggcctcg aaggcaaa 478

<210> 2492
<211> 466
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. N33920

<400> 2492
atcaaagaaa catagagttc gggcaatata cttcatccta cccatccac ccaaacttta 60
ctctactcat ctcatcttca ttaatttttg gaaatcatca gaagatgtgt tcgttgagta 120
agagattaaa agaaataagc tttttgacct ctgccaacac cccatgcccc ggggtggtcac 180
cctccaatac aataacatgc caggaagagt aagttgccct ttctgatgcc gtaatctgcc 240
atcatcttcc catcttccag tctcctttcc attgcaagtc acaatctggg tctcagggat 300

tatacccgctc ttagtctcga tcattgcttt cacttgtgcc actgagctgg accttcgcac 360
 ctgggaggag gtgcctcttt gctcatcac ctgactccac aagaaacaag ggcagctcct 420
 catcactggg gcttcaccac tttcaggggt aagggtgggat ggtctt 466

<210> 2493
 <211> 360
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. N34017

<220>
 <221> unsure
 <222> (1)..(360)
 <223> n = a or c or g or t

<400> 2493
 ttgataacaa tgatgaggtt tatttttgtc aaaacatcca agggaaacat taattgttgt 60
 ttgtcaactg tgaacttcac actacattgt ctaaggatag aaaattgatg ggtatcactc 120
 ngtcagaaaa tcctcaccaa gaagccaatt caaggaatat gaaattgaca agcctttcaa 180
 acanaagatg tgttcggact tctactgatgc gatggtaggt cttttgggtt acaantagat 240
 agggatgata taaaacacaa tcttttcctg tctattccat tttagaaacc ggtgggngtg 300
 cacacgttta gtctgggcat tgcagcacng cacaacatac atgnattaaa gcnaagcata 360

<210> 2494
 <211> 510
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. N34257

<220>
 <221> unsure
 <222> (1)..(510)
 <223> n = a or c or g or t

<400> 2494
 accttttacc cttgggtgctc caaatccccc atctaggaaa gaaaattttt tcaagtcaaa 60
 taacattgat cacatattcc ttgaaatcat ttaccaacac tgtatggagc attaggattt 120
 aaatatgaat ttgtcttaaa ggcaattcct ttttgcttct gtattatctg gaaaagcatg 180
 agagaggtga cacctcaaca aactgatcag agaaaataag cagttactac cctgataggc 240
 accttcccaa tcctgttgct tttgaccatt gtctgtccaa cggnacacct caaacaacaa 300
 aaactaccaa atagatgaca gatcagaata aagggtgagag gtctgggtccc cattgaaggc 360
 tgctacagtc ttcaaagagg tgaaggagtt cataagagaa caacagtagg aaagttgaga 420
 gccaagggta ggagagttgc ccaaaagact tcccctacta ctttagggta ctgaaaactc 480
 aaaggatcag ctacagcttt atctaagttg 510

<210> 2495
 <211> 465
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. N34441

<220>
 <221> unsure
 <222> (1)..(465)

<223> n = a or c or g or t

<400> 2495

```
gaggggttttt acttttttatt tggaaataag acatggaagt tgcaaagata gactactcct 60
atgtattcct ccaactttcc ccaatgataa tatctcacac aaccatagat tatcaaaacc 120
agaaaactga ccaggcacag tgggtgtgcac ttatagtccc agctactcag gtggctgagg 180
tgggaagatc ccttgagttc aggagttcaa ggccagcctg ggcaacacag tgagaccctg 240
gctctataaa caaaaatggn agaaaaccag aaaactgggtg tcatcaattg tgtttaagga 300
aaccgaggct cctttaaaag tttgttataa aattatagat atctcctaaa tattgagggtg 360
gaaagattcc cctgggaagc agcctagtc agaaagttga agacagtgc atcccagata 420
ggttaatact tctgggccagc accataatta caccctcct tnggt 465
```

<210> 2496

<211> 503

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. N34804

<400> 2496

```
aaagaattac cataagtttt atttttgctt agttttatta aaaaaataaa tatgtcataa 60
agctttcctt ttccttaggg agaaaaaaag gaacaagtct cataaaccga aataagcaat 120
ggtaagggtg cttaacttga aaaagattag gagtcaactgg tttaacaagt ataattgaat 180
gaaagaactg taacagccac agttggccat ttcattgcca tggagcaaac aacaggatta 240
actagggcaa aataaataag tgtgtggaag ccctgataag tgcttaataa acagactgat 300
tctactgagc atcagtacag atacatcttg cttaaacacac acagaagttc ctgaaaagtt 360
ttgtgtaaat gatataacca caaacattac caggagagct tgggtaactg aaagaattcc 420
atggcggaatt cctttggtga acaactactt tcaacttttg taaatccagg tatttgcttt 480
ttataaggag tttacctagt tgc 503
```

<210> 2497

<211> 455

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. N34825

<220>

<221> unsure

<222> (1)..(455)

<223> n = a or c or g or t

<400> 2497

```
gacattataa tgtagttagt gttttatttc agtgcagtta gcacatgggt atgggtttatc 60
tagagttaca gactttgtaa ggtttgcagc tcagggcagt tcttcaccgt tggcaaaagt 120
tgaatccggc gagggctggg aattcacctg ccctccactt tcagctgcct ttgggttagt 180
tttgtctgct gctcttcaat gaccgtgtca cctgttggct tcagtcacac cagctctgac 240
cacatgctgg gatctgggct ggaacctggg ccctgctgag gtctcagtat ccgtggcagc 300
tcagggctct tgtaaatgta tttgtgcctg tagccaaggt ctgaatgaaa gggcacaaac 360
tgaactttga agtctcggaa gcttcgagct ggtgcngcga tgctatagag ctttctgcca 420
agctggaagg ggaccaccgg gtcctcctc agcgt 455
```

<210> 2498

<211> 302

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. N34919

<400> 2498
gcatagccaa tcttttccatt tttattgctt taacacacat ttttaattttc agttgaacaa 60
attcttaatg agctacagag tgacatgagt tgaaattaga ataaagtaaa ataatactat 120
ataacccaaa caaacccagt gttacatatg tgaaataatg caattaagag cacaactaaa 180
aaaaatcatt gattcagtta aacacaaaag acatgcaggg tctcaacaa ggagtatttg 240
ggcttctatg tcaatgtcat aggaaagagc tttttctatt tctggataaa tatttcattt 300
tt 302

<210> 2499
<211> 474
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. N35247

<220>
<221> unsure
<222> (1)..(474)
<223> n = a or c or g or t

<400> 2499
agtaatttac aatttttaaaa aacagccaca aaaaagtcaa agctaaaaac aagatttttta 60
ctatgaatca gtgcttctat tatccttctg aaagaagtta tattttaatg tgatgtaaag 120
gcaacattga aatttcttct ttaaattaac cacctaattt atccctaaaa ttacaaagaa 180
tcagtctttt acaggtcaag tgcagtaaac taaaatgttc tctcagcaca aagcagcact 240
agaaaaagta acagttatag atgggagttg actagttttg cagtggctgc gcatcaataa 300
caaacagaca tcagacggta tccatcccag agcacagaca ctactacaga ctatgacgga 360
agaatgcgtc acactcttgg ctgataaatg tcctttgtct ttgactcttt ctatgttgaa 420
tgaagtggat tttttaaaag tttaaatcag gtcacataag ttgggctgcn taaa 474

<210> 2500
<211> 439
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. N35376

<400> 2500
gaataaaggc atattttaata aattagggaa catcttaact tctaatagac tgggggaaat 60
ttttaagttt tctatgtaca caaaggcagt gggaacaaat gaaaaaaca aattactaca 120
ttgttgacgc acattaaaga ctggatgggt tatattattc acaattacat cctctttccc 180
atagcctggc agaggaaagt agttaccaag cacaggaaca atttcaacat ctactggag 240
tctccaaaag caagcagata ctgcaggatg tcattaagca acttactgtc acttcacacc 300
atatgtggca gtaagaaact taaaaaaaaa attaaaaggc acgcataagc tgatttcaaa 360
tatttttaagt ccaggctact ctcttttagat acaatgtttt gaacacttgt atagaacagt 420
ttttaaataa acattttcca 439

<210> 2501
<211> 423
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. N35493

<220>
<221> unsure
<222> (1)..(414)

<223> n = a or c or g or t

<400> 2501

```
gttaaacatt ttatttatgt ggcactctga aacgagcaac ctatgaaggc ataaaataaa 60
aagattttttt ttttaactcg ggaggtaaag ctagatatat caattaggaa ctgattcatg 120
gtgtgatgta cacgacatgt tgaaagaatg ccaaaaaggc gcaaaccatc atacattaat 180
acaaaggaca aaaacaaaaa aaaccccagc atcttcttgc tatgaggcaa taaggcactg 240
ctaagagact tnagcaccaa aatgattctc tacaaattcc ttccttttta tactgcaa 300
actgcattat tatattcaaa cctttaaaaa ctaggtaata ctttaagattt agagtcaact 360
tactttgtgg gaaattctat ttgctgcttc ttttaaaaac agattaaaat aagctcttaa 420
aaa 423
```

<210> 2502

<211> 337

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. N35913

<400> 2502

```
aaggccgtat ctttttatta gacttgctca tcttctagtc accccttgtg gtagagcgaa 60
aagagtgtgt tgtccctctc atgcctctgg tggtcacagg acactgagta aagcaagaga 120
ctggatactt tcccatgtag aacctatacc ccaatcccga ctattgggct gggaaccctg 180
tctatgccca ttcaaagctc accatgtggg aggactgctt gggcctggga ggttgaggct 240
gcagtgagct gtgattacac cactgcactc cagcctgggt gacagagacc ctgtctccaa 300
caaaacaaag cagaacgctc accatgggtc tgagtta 337
```

<210> 2503

<211> 412

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. N36001

<220>

<221> unsure

<222> (1)..(412)

<223> n = a or c or g or t

<400> 2503

```
attagtgaat tagtttattt aaaaccatca gtttttccaa tgtgaatgga ctggttcata 60
tcacaccata ttttagagata caaggtgatt ataactaacg tgtctacaag acatactggg 120
tcaaacaatg tgatcaatcc aaagggtatc tttttaaaaa gaattttaagt actcagctgc 180
aaagataagt tcactaatga gattttcttt tttttttttt taaaaaaaaa aggtttttta 240
tgagtcaaat ttattacaaa aacttagtgt gtaatcaaag ccaaatacat tcctcaggca 300
tgccagcgga acgcaaaata atgttaatag aatgttatta aaaaataaaa ctttttctga 360
atgatataata taanacctca tggcacatta tcctcatttg gacaacngga aa 412
```

<210> 2504

<211> 506

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. N36085

<400> 2504

```
ttacttgata tcaaattgac atttatttaa aaaagggaaa aaaaagacgt agaacagaat 60
tcacacagac ctttgttatt ccaagctcct atttatgaat ggtgattaat agcaataatt 120
```

```
ctgtctctct tctctctgtg aaatgctaac acttgctaaa ggcactcaga ttctgggctt 180
aacggagaca aggtcacatg ggaccataag ccagtagctt ttttggtagc taccagaaa 240
ggaagtttac aaatgttcct cccattcata acgggaagaa aaagtcaaac agctatcagt 300
agaagcgttt tatgagaagc tatttacaca gctatgtgtc cattcagcca gagtgacagt 360
aactgctcac aatggtaggg gttctccctt gccaaagaaag caaaaacaat aacaaaacac 420
tttttatcat atatgaaact cctgtacaat gatttgggct agaagaaaaa aatagttggt 480
aaggtcaaat ttgttttaaa acatct 506
```

<210> 2505

<211> 407

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. N36250

<400> 2505

```
cattaaaaata attcttttaa ttattgatgc tttgaataag aagtccattt tactaaattt 60
agtataaatt atttttctta aacagaacct gtttgctgga tctcagttta gtacactttg 120
cagttttcag acacaatgac tcatattcaa cttttctctt taaggattca gtggcctgat 180
tcctgacatt tcctctttta gaggaatctt atgtcatctt ctgaaatcat gtatatgggt 240
aataatatta agtgtcttct cttctgaaga tgtgattctt ttaatgccat gttctcttcc 300
ctctggtgac ctgacttaga ttgtagcagc actagaagct attaagagat ttggggcagt 360
tgaggaagcc ttaggtaatt gttaagagta agaagtattt ttaaaaa 407
```

<210> 2506

<211> 621

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. N36432

<220>

<221> unsure

<222> (1) .. (621)

<223> n = a or c or g or t

<400> 2506

```
gaacgcacag gccgtcgcta tgagcggnaa ccaccctggg cacagcaggc atcggaggtg 60
aggcgggggt gcagtgactg gtggccgcaa gcccttccct ggggagtagc tgatggctgc 120
cctttgacct ccggtggctg ccttttgacc ccggtgtgtg ctctcagcgc aagtggctct 180
agaacaggat tctttttgga aatgtctgtc gactggacct tgggtggattt ggaaatggaa 240
ctgagggacc ggtgacacgt gcttcagacc ggtctggggt gcggcgcaac ctgggcccgt 300
gcagntccag ctcggcagca gctctgaggg cagctcaatg aaaaagtga tgcacacgcc 360
cttggtggcg tggcctggca tggcctgggt ctatcggcag ccgctctcca ctccccgact 420
gatactcaat tacgtgaagc caagaaagat gatttttaga aacctttgcc tatattaggt 480
tgtacttatg tacatatttt gccagtgttt cacaggagaa agtggnccta actgcccctt 540
attcccntc caagttggna aaaaaacatg tgtttaaaanc aaagttaaac taatgtttga 600
aaaccagaa antgaaccc g 621
```

<210> 2507

<211> 458

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. N39099

<220>

<221> unsure

<222> (1)..(458)

<223> n = a or c or g or t

<400> 2507

```

tgaaaaacaa aataccttta tttagttaac actgaatttg caaacacaga aaggaataga 60
aaacctgact ccacttggac gcacaggcct ttggggaggt ctgacaccag ggccccatcg 120
gcagctccac cagagcatcc tggtgcacc tccttcccgg agtcctnggc ttgcctacct 180
attccatggg aggttggcct ggatgtgtca agggggcctt tcagctctag taaagacatc 240
tgtctccaca tccaaggagc tttgcaaaaag acacgtggca ggacaggaga ctggacgcac 300
tgtggcctgg ggaaggcagc ggggcttggg cctgnnggctg ctccccttgg gagaaactgt 360
gtggctgagg caccttggtt tgggggtgggg cctgggcttg gacacagctg caggctgccc 420
tgtcctccaa gaggagaggc ggggcttgaa agatttga 458

```

<210> 2508

<211> 544

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. N39163

<220>

<221> unsure

<222> (1)..(544)

<223> n = a or c or g or t

<400> 2508

```

agtctagatg aatttattgc cattcacata tttcataaga aaaaaagatg tagcaaacgg 60
gtcagggttg tacaaaaaaa aaaaaaaaaa aatccagggt tatatagggt gctctattta 120
catctgagag cacagctgtc ctgggcatca ggcacagcag ctgcacttgt ctgacgtccc 180
tttgagatg cagccctggn acacttggca cagccacagg gngccaggag cagcagcctg 240
gagaagaagg ggagagtgag aggtcagagc agactcaatc aggcacctcc ctgccccaac 300
agaggcctgg ctgagccctt gcctccagcc ccagaggacc atcatttcag gattggcatg 360
gntttgtcag aagagaactg ggtagatcct tgggatgagg gttttatatg aaaaagctgn 420
ccagccccac ctgagtnctg ggacaggaca gaagattgga aanggagtta nttgggggta 480
aangaaaaaa agngggccag tttccccaaa cctatccttt aatggaggga agttcttcan 540
agcc 544

```

<210> 2509

<211> 547

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. N39201

<220>

<221> unsure

<222> (1)..(547)

<223> n = a or c or g or t

<400> 2509

```

catggcatcg tgttgtttac tcggtacaac cagcctgttg tgaaaagggc ccgccccctt 60
tccagaggca gaaacttgct ccaagagggt ggatgctctg ccagagggtg acagcaccag 120
gggtgtggaat gtccaggccc tgccatctca gtgcccctcc ccgctcccca ccggccagca 180
cctgctgtcc tggactcctg gaccttcggt gtcacctctg tccccaaactc taaacacaga 240
gctactcact cccagccctc ccctgccaca tcctcctgct tggaacagat gagcagccct 300
gggaggntaa tnggtttcgt ggggtcgacg actttgcccc gaaagaggac actctgggtg 360
ctgggtgaaa agatcaccac aaggaaagggc cggttgaatc gcaggatgtg gcgattgggt 420
tgggcagaga agaatttgat cgcgactggg tggtctgctg agcctcgggt ccagcctcat 480
ccacgtccaa ggtggccttg tggaaacttt ggatgcctcc agttttgctg tttgggtgat 540

```



```
gaaggtaa at tgtttcataa aactaaaacc aatgtatata cataataact tgagtatttc 120
ctgggttgta gcgaccatcg atagcagggt atcncaaaat gngcactgat gacatttgga 180
cncaataatn ctttgttgta gaaagttata agatatatat atttttaaact atgcta 236
```

```
<210> 2513
<211> 493
<212> DNA
<213> Homo sapiens
```

```
<220>
<223> Genbank Accession No. N40320
```

```
<220>
<221> unsure
<222> (1)..(493)
<223> n = a or c or g or t
```

```
<400> 2513
cctggattaa aaggatgatt tttaagctct ttagtcaaga gacggtgatg aagtttgtgc 60
cgcggtacag cctcgtccta gaactcagcg acagantagc cttccggaga agcctgcatg 120
atcccgatgg gctggtggcc acctacatca gcgagggtgca cgaacacgat gggcacctgt 180
acctgggctc tttcaggtcc cccttcctct gcngactcag cctccagntg tnttagccct 240
cccagatagc tgccccctgcc acgcagcaca ggagtcctca cactcaggca ccaggcctgg 300
tccaggagga gctgtggaca cagtcgtggg tcaagtgtcc acatgcacct gttagtccct 360
ggagagggtg tnggaatggc tgcttcattc ctcgaggatg cccgggcccc aactgggctt 420
ggtctttcct ggtagaggg aaagtgtaac atatctgcca tgangaacat aaattcatgt 480
aaagccattt tca 493
```

```
<210> 2514
<211> 451
<212> DNA
<213> Homo sapiens
```

```
<220>
<223> Genbank Accession No. N42272
```

```
<220>
<221> unsure
<222> (1)..(451)
<223> n = a or c or g or t
```

```
<400> 2514
tacatatattc ccgggataag atcaccaggc caggagcgac natnggaaga aaggggaagg 60
gctccccaac tttgacaaca acaatatcaa gggctctttg ataatacact ttgatgtgga 120
ttttccaaaa gaacagttta cagaggaagc gagagaagg atcaaacagc tactgaaaca 180
agggtcagtg cagaaggat acaatggact gcaaggatat tgagagtga taaaattgga 240
ctttgtttta aataagtga taagcgatat ttattatctg caagggtttt ttgtgtgtgt 300
ttttgttttt attttcaata tgcaagttag gcttaatttt nttatcta gatcatcatg 360
aatgaataa gagggcttaa gaatttgtcc atttgcattc ggaaaagaat ggcccagcaa 420
aaaggtttac taatacctcc tccccctttg t 451
```

```
<210> 2515
<211> 575
<212> DNA
<213> Homo sapiens
```

```
<220>
<223> Genbank Accession No. N45224
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<220>
<221> unsure
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<222> (1)..(575)

<223> n = a or c or g or t

<400> 2515

```
gacggtcttc aggtttatatt cttaaatacaa ttaggaaata aaaccacagt gcccaggaaa 60
gttcacatga gacgccacgg tgtctcttgc catggcccca ccaactccagg ggccaggggg 120
tgctgctgga gggaggacag acggacaggc ggcctgggtt ggcggcccca gaaaggctgg 180
cgtggatgtt cgagatgagc caccagcgaa ccagtaggga tgtctgggcc gtccctgggtg 240
gattgtctgg gacatcgcca ccaacacggt gtcagagcca tcagtgggga catcggaggg 300
gccaccacca ggtgggggtat attcaacagg ctagaacccc tgaggcttga gaggccaacc 360
cccggcagga gacctccctt gacctctctg ctgcctctcc tgtgggaccc tccagtagac 420
acaccagatg aggacaccca ggaggcctcc tcccaggaca ggaggcagct ggctgggcag 480
ccacgcattc agggttcagg gccctccagc angagctcca tggagatggc taatggggac 540
atcaagcagg ggctacagtg gtacatccag tgggtc 575
```

<210> 2516

<211> 687

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. N45232

<220>

<221> unsure

<222> (1)..(687)

<223> n = a or c or g or t

<400> 2516

```
tgcaaaccaa accaaatcat tttattgtgc aatttccttc taccagaaaa ttactaaaaa 60
tataaatatt aactctctaa aaaataactca gaatagatct gtaatcttcc tctcctcct 120
cagaactgga gccaatcttc ttcttttaaac ctgatggatt gcatacatgt atgtcttcca 180
tatcagccac atacacaaca ttcagataca ctccgtctg tgcaggggga tacaccagcc 240
tcctgccagg ttctggaagc tcaccttata atctaccagg ataaagctgt gtgctgagta 300
ggaggttatg gtgggggttg ggagtaacaa ggagataaaa gaccttgtgg tcccaacttc 360
cttatgtgga cagagaagat aggtccttta ctccctctca ttaccctgnc ctctcatgga 420
ctgggctaac tgaaggccaa gctcccagag aagctggact cactgtgcgg gattactgag 480
ggtgtggctg ccaggctaca gtcacaggaa gncagactg ttgagatgga catggaaacc 540
aggtgaggct ttggatggna agctgggtctg gggcaaagct ctgcaggatg agtagtagct 600
gttccggcgg gntttgggna gcccagacc ctagcaccag gtactatgtg cagcatctaa 660
gaccagnacc agtctccaag agcccc 687
```

<210> 2517

<211> 412

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. N45307

<220>

<221> unsure

<222> (1)..(412)

<223> n = a or c or g or t

<400> 2517

```
tgacggcng ataggctttt attacagact gngggcgnta acngctggac agagaacgga 60
aaaggaacat ctnagaccag gctcaangct nnggggttac acaacctcca ataacacaag 120
gtgagtgcag cacttctaga cacacacaca gacacacatc acttactcat aaacggcaca 180
gctacggtac aagaaaaagg gcaaggtagg taagggcacc caacaccctc ctgcctgcag 240
gggccacagg gttaatgtgc cttcctgcac gcaggcttaa gagggataaa caaggagagg 300
```

gctgcccttg gagaaggcct gcggataata gtgactgagg cacagggtcca tgcaggggaa 360
ggaagcacag ttcacagagt nggcaagctc aatggccagc catttgccaa gc 412

<210> 2518
<211> 529
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. N45320

<220>
<221> unsure
<222> (1)..(529)
<223> n = a or c or g or t

<400> 2518
gttataagct ttttcttttt tagaatttaa gcttatgagt ttatctacgc cactatatt 60
cataattaca gttttatatc tgcatacaaa agctatgtaa aaatccattt tccccaaata 120
tacaaatttt ttttgatag tttaaaacat tttcgatcac agatttcaac agagttttag 180
gctgaaaaaa atatcaccat cttagcaatat cacttaacac tgtttgcaaa acacaaatct 240
tccaatgact gtaaatcttt ttctattctg tagtattttt ctgatttctca gggcatgaaa 300
acattatggg aaaaaaaagg attttctacg aagaaagcat ggagaactaa tttggctcta 360
tggtcaaatt aaaaatgcc aagtaataag ggagaaccaa aagaaagaag tggcataatg 420
tcacatcagc tcattcatgc cgggataatt tctgtatcaa caatacatat gtaaagtggg 480
cnccttttgg nctacattgg ggcnccttaa ttnccatgng tattancgg 529

<210> 2519
<211> 389
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. N45998

<400> 2519
acaaatattt gaatttttat ttaattttaca gcaaagaacc aggtgcaatc aacactttca 60
tataggacaa acataaagta tttcttgagc taacagttag ctttcacttt taaaagtaaa 120
accagaactt ttattcatct ttctttctgc ttcagaaatt aacagctgct cattaaatat 180
tcattgatgc ttgttgtaat tgtactgtat ttcactaaat aaatgtttat aacacattta 240
accacaaaat agatatcacc tctaagttta acttatattc atactaaaat gtagtattaa 300
tttttcaaag atttttatga tgggcctaga gaggaaggta aattatgtag atggcatatc 360
ttcccataaa cttagtgcac acctagaat 389

<210> 2520
<211> 423
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. N46423

<220>
<221> unsure
<222> (1)..(423)
<223> n = a or c or g or t

<400> 2520
acaagacttt gtttattaat aaagtaattc attatgactt ttgaaaaaaa aagtttttaa 60
atgttctgtg tacatgtcaa tgtaggttag gccagccaaa agacaaagca aagcatcaac 120
attaagtcac aggctaggat tatacaata agaacaaaca caaggcttat ggtacttggt 180

```

aggtaaacac aaccaaaacta aactgtactt caaatttgtt tatataaaag catattaaag 240
ctcactttta aatagtgtcc atcttttctt ttaaacgggc atagactcat ttgcagtcac 300
gtacaaatat acctaataag cttttcttcat cttttaatac aagtacaatt ccttggtctc 360
tttatgcaac ctaacaaaat aatatagaat ggaagtcatt agaaaaatat ggacccttct 420
gga
423

```

```

<210> 2521
<211> 447
<212> DNA
<213> Homo sapiens

```

```

<220>
<223> Genbank Accession No. N47469

```

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<220>
<221> unsure
<222> (1)..(447)
<223> n = a or c or g or t

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<400> 2521
gtgattaaca ggacttttat tggtagtaaa ctagagcaaa caatcagaat aatacatatg 60
cagtattcag tacacacaat aaaagttaaa gaaattcaaa acctgtataa aacaaactgg 120
agaaaaatca tacagcttaa gagatacagt ggtaaaggct cctccatcc tttgattaca 180
gcttgactc tgtactcaat agaacttacc gcacttactg aaataagaaa taaacacttt 240
ttagtactca gcgtatttaa gattaagtac attttctaag aatcttgcaa tgacaagttg 300
gtgacccttt agctgctaaa gctaaaggga ggaaagtggg aaaaggaaat taactaatat 360
tttgtaacca tttttaatat ttctattttt ccaaactctg cttttataac agaagtgttt 420
tacacttggc acaatattaa ttacttg
447

```

```

<210> 2522
<211> 463
<212> DNA
<213> Homo sapiens

```

```

<220>
<223> Genbank Accession No. N47942

```

```

<400> 2522
tggtttattg tacatgcttt attaaaatgg tacttgtatt tacagtatct gcagaaagag 60
tcccttccaa ggcttcacac attcagacac atccatactg acaccactc cacagcccca 120
tgcaccacac ccagtgcagt gtggagggtc agactcctaa aattaggcag ctgttgggga 180
taagagttag tttgtttttc aatttttttg aaacagaaa agcatggggg aatgcatttg 240
gccattacaa tgctaattga gtttgtgtat attacatata tggcagttaa cactgtaata 300
ttccttttac attctatata cacagaatga tatcaagggt ttatgggtcaa cagaatattc 360
caacttcagt cttaatgctg cttgtagtga tttctgaatt cattataggg gctttcccta 420
aaaataattc aagtctatgt taagtgaat aaggcacaat taa
463

```

```

<210> 2523
<211> 454
<212> DNA
<213> Homo sapiens

```

```

<220>
<223> Genbank Accession No. N47956

```

```

<400> 2523
aaaatcaaat gagcaagcag tcaagatttt gttttatttt attatggcta gaaagacact 60
gttatagcca aaatcggcaa tgacactaaa gaaatcctct gtgcttttca atatgcaaat 120
atatttcttc caagagttgc cctggtgtga cttcaagagt tcatgttaac ttcttttctg 180
gaaacttcct tttcttagtt gttgtattct tgaagagcct gggccatgaa gagcttgctc 240
aagttttggg cagtgaactc cttgatgttc tggcagtaag tgtttatctg gcctgcaatg 300

```

```

agcagcgagt ccatoctggc aggcggctgt ggtggtttga agagtttgga caggtcctcc 360
tcagggagcg ggggttctcc tcggctctgg cgctgcata tctcctgctg gcgacgctgg 420
ctgatactga tgtttccgct gctgttgttt acta 454

```

```

<210> 2524
<211> 347
<212> DNA
<213> Homo sapiens

```

```

<220>
<223> Genbank Accession No. N48155

```

```

<400> 2524
tttttttttt taaggacctt tcacaaacca aatgacagca gggtttttatt aacatatctt 60
acaatgttga ttattcctag ttttgtaatt tctgcttaat tataaagatc aatttagctt 120
ctacagtaat gtactgtatt taaatcgatc attcatacaa gatatacacac cagtacattt 180
ttttgaataa tatacacaca tcaacttaac ttggacctgt tttttttaa agtgggttta 240
taaattgggac ttataaaagt tatggggaaa aattaaagtt ctagtttagc agcatgcatg 300
tatgtattca agtacaattt tcaaccaagt gcttttttaa aattttac 347

```

```

<210> 2525
<211> 397
<212> DNA
<213> Homo sapiens

```

```

<220>
<223> Genbank Accession No. N48180

```

```

<400> 2525
gcatttgaaa agctaagaac agccttttatt ggagaaagta ggataaagac atttccatat 60
atgttcatgg gaattttacca ttcaaattta ccattcaaac tgggggagta gagatcagtc 120
acttttgcca tcttatctgt ttaaaactct ttcaagaaaa gaaaagaaaa gaaaggagga 180
gtctctttca agaaaagaaa aaaaggaata ctgtgtaaga accacagaaa aaaagctaa 240
taggagcaga tgtgggtgct ctttccttaa cagtcagcat agaattgtaga gactgacatt 300
ttctttaaga acagattatt ataactaagc aagaaaaagt atgtgtacat aagttgggtca 360
cagtgcactc tggtaggaaa atataagtag ctgtaaa 397

```

```

<210> 2526
<211> 587
<212> DNA
<213> Homo sapiens

```

```

<220>
<223> Genbank Accession No. N48315

```

```

<220>
<221> unsure
<222> (1)..(587)
<223> n = a or c or g or t

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```

<400> 2526
tcaaataatc catctaacag ccatgagacc actcaagtat ttgaggtcat cagctgcgtc 60
catcaagaca tgatattgaa catggacacc atctggctctg ttggtctgtt tttgttggca 120
aaggactcca aaaggatgca gttgtatgtg ttctagctga accacatacc atagctcctc 180
tcccctcaca aaagggtttc tctgggggga gaaaagtaac tgattatacc tctcatgtct 240
caaactgaaa ttctgagaag caaatgggtca gttgagggcc ccattccaga tctgccggga 300
cgtcctcaga tgtccagagc tggcaaaagg tggagcaggc agcagctttg ggcaccagcc 360
tgtctctttc tgttctgata aggccacaca catggctttt tgtgataagc ttccagccca 420
tgccactgaa ataactgtta agaacctggc tgcatttcac agaaatagcg taatgggaaa 480
tcattatgta attaaacaaa gcatgaagct cattatcctt ttccttttaa caaaccttca 540
atttcacatt ttagtggaca ctgtggnntc cagagaatat atggatt 587

```

<210> 2527
<211> 469
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. N48595

<400> 2527
atgtaaaact gactttttatt acaattaaaa aagaacaaaag acaatttgat aagtgccttt 60
aattacaaca tacctgctat ttacatgtaa tcatactttt atatatagct tgaataagtt 120
ttattacatg taaactataa gatattacaa gttaaactcc agtcttttct ggatattcaa 180
ttgaaatact actggcagaa acatacagaa aacaaatacc catttcagtt cctcaggtag 240
cattactggg tgaatgatca agatctggcc acagaagaga agtggaaata tgcatacaaaa 300
caaaacttat tcttaacatg actaacagta ttgttattta aaccctaaac ataattaata 360
attggatcat taaaaacaca acttcaattt atatagcacc tttcttccga agagttgaaa 420
gcattcgtgc ttatctctat tatttcgttt gtccccataa catctctat 469

<210> 2528
<211> 422
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. N48602

<220>
<221> unsure
<222> (1)..(422)
<223> n = a or c or g or t

<400> 2528
tttttttttt tttacaaaaa aattttttatt aagtacagtt tcaaatttag agcttccacg 60
cttacaaatg tgattggata tttaggatac ataattttatt cttaaaatac acaacttata 120
tacagatatt aaaaactcag tctccaaaat gctcaataaa gatgtctggg tgacacttat 180
agaattgacc tagcaatttt tcttctctct tggcagaaag ttttgaatcc tcatcaagag 240
tttttagtaa attcaacagc tcatcttttg ttgtcttcnc tgtattgttg gaatagtcac 300
gttgatcaat tcnctggcaa taaatatatc ctgcatctcn atttggatct cttccgttct 360
gtatggccat aagcttaaca cttacaattt tatgtagagt tccaggatc ttaaaaacat 420
ct 422

<210> 2529
<211> 416
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. N48674

<400> 2529
ttttcattgg caatttttatt ttttaaaaat gaaatattca aagtactttt ctttcaaata 60
tcaacacata atgttttaact ttaaataatt acagcatggt gttgtgatgc tctttagata 120
aatgcatgc ttctggcctg aaagccagag caaatgcaa aagaccattt aactgcagcc 180
agagaacatg aacctgtaca gtatccagtc acttttcagc acaggagagc aggaatacaa 240
aattggaacc tattgtttcc tagcaacatg gtcagacca ttataacaca attttcaata 300
tgattagaac ctctacctgt tgttatacag aaactgaaa cttggcatac actgtaaaca 360
tctttacttt tcatgagaaa gtaagcagct aaaaagaatg gtttttccgg acataa 416

<210> 2530
<211> 481

<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. N48787

<220>
<221> unsure
<222> (1)..(481)
<223> n = a or c or g or t

<400> 2530
agattgtaaa agttttattga tatgggtcaaa aagcaaacag ccagacattt ggttatcttt 60
gccactacaa tgtgtcattc tgaactgtat cttaaaaatg cataacaaat gatattttaaa 120
ccattaccag aaaagtaaat gaagagtcta ctttaaggcac ttcatatgaa agctaattca 180
aaatttttcac aaaagtcaca ctattttata agtgtagtaa attaccttct acacatttta 240
gccagaatgc tgcctttctc cttacagaag aatgtgctct taaagggaga aaaagcaaat 300
acaaaaaatt gtcattctgt caatgttcat cgacaaatta tctggaacta tacagattac 360
atggcagtag tattcccgtg gtcaatctgt acaaatacagg ggcattctca tacaagtctc 420
ataagaacca cagcatagat ttggngctgga gaccaggtag cagaatagca ggtaagggaa 480
t 481

<210> 2531
<211> 455
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. N48790

<400> 2531
tttttttttt tttttttttc agtatatgaa aattcattta tttagtgaat ccctgacatt 60
aaagcgtccc aacacaaagc agattcgaac ataacaactg gtgattggct catctcacag 120
gtcacatca tcagtgtgtt aacatacaat aggactgtac ctttttacag gattgagtgt 180
tttgatccc actcacacac taaaaccctg ccataaagtt gtatcaatta gggctgttca 240
aatgtgaaac tgtattggaa aatgggaaac tttatctcct tatatatgca tatttttttga 300
gatggcgttc tgctcctttg cccaggctgg gagtgaagtg gcacgatccc gggtcactgc 360
aacctctgcc tcccgggttc gagcaattct cctgcctcag cccccaagc agctgggacc 420
acagatgcct gccaccacgc ccggttaatt ttttt 455

<210> 2532
<211> 432
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. N49090

<220>
<221> unsure
<222> (1)..(432)
<223> n = a or c or g or t

<400> 2532
cnntcaataa aaaggtttat taaaaattct gtgaaatcaa gattcaactt gactttctac 60
aagagtcagt tgagatctaa tgacaaaaaa agactgaaag tggtagatg gaagtagaaa 120
tttaagttaa atattaacca aattagagca gaagagctca aaataatatt acacaagcta 180
catcttaagt aaaaaactgt catattttat aaaatgtact ttaagtcaaa acttcaaaca 240
gacaaaaaag gacatttaac aatacataga ttcatccctt gtgaatgtat gacaaatttg 300
tttatacatg catgtatttg tgtgtngcgt ctcaaattag gctttcagat atataaagta 360
aatactaaca aaactgaata aacacagaga gagcaatata atnatagtag gntatttttc 420

ataccccccc tt

432

<210> 2533
<211> 433
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. N49104

<400> 2533
aaagtgggtg acgattaaaa aaaattcttt aagaccgaat caaagcacat tctttcacaa 60
agcttaaacc acagacgtca tgtccagaaa tggaatactg tcatgttagg atgaacatct 120
gatctgattt gtttaagacat ttgccaaaat gcacagatgc acaggggtccc ccatgcactt 180
ttcatgcagc aggtaatcac aacttaaata aaagggtttat tctatacatt tgtccagact 240
tgcaactgta tacatacatg cacaactttt aaacctgtct gattatattt acacttatac 300
atggaatata caggaaccaa agagattaaa aggcctttct gttgcattag aacaatacaa 360
aatatgtatt tttcattaag gaaatcacta tttacatcac ctttaaaaaac cgattttaac 420
atcttcattg taa 433

<210> 2534
<211> 203
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. N49113

<400> 2534
tttctttttt atttagccac tctcatttca taggcaaagc aagtccaatt acatttcatg 60
ttatagcaat tatctatgta tgttttcctc actccattaa aatttcacct tttccccgac 120
ccacattctg cagtgaattc agatctattt tccatttttt tctcacatta tttatatagc 180
tacactatca cttccacttc ctt 203

<210> 2535
<211> 424
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. N49214

<400> 2535
tcttcaagac cagattagta ttttattttt ccttccttaa cactcaaatt catggcaggt 60
gaaaagataa tagaacataa tcaaactaac atataaacac aattcaaaaa cgtttaacca 120
tctattatag ctctttgttg taaaacacac aaagttaaac agaaacatct ttatataaat 180
tattccttaat aatctgtata cactgtaaaa caattgaaaa ttcacaccaa gatcctagtg 240
caagcagtggt tgtacaaaag tgcaaacaaag gtagtgattt aacaacttac catcaatata 300
ccacttcaac atactttaca ttcagccaaa tactgaaggt ttcaccatgg gaaaaacact 360
tttatcactt ttaaagtaac ttggactatg ttcaccctgg agtggctctt gcctcagtat 420
gggc 424

<210> 2536
<211> 429
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. N49284

<220>

<221> unsure
 <222> (1)..(429)
 <223> n = a or c or g or t

<400> 2536
 aaaataaggg cacatcttta ttttgctaca aggcagtaag tacaccgtca tatctcaaaa 60
 gttcagtgct ggccatcttg catcaaagt tcttaaggca gtgactggct atcaaccaca 120
 gtttctgtct ccccgattgc aaacacagga tccatgcaac agttctgaga ccatacactt 180
 agaaaccaca ggggatgagg atcaaagtca gaactcccaa attataaaac agtcagggta 240
 cactcaaaac aaaacataga acatcaacaa cacacatctc ccaaaaaaga agtgcaacgc 300
 atgcttggtt ttaaaaccaa caattaacca aaaaaaacca caattaaaaa aatggcagag 360
 gtctcccaa aaccaangtt tttccaaatg gtattggcag aaggggaaaa aaaaatggta 420
 tttttatat 429

<210> 2537
 <211> 447
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. N49595

<400> 2537
 actgtgtttt acatatttat taaagaatcc attctttctg ataatactcc taacacagggt 60
 gaagatattt ttacaatatt ttaccaaact cctaatagaa aatgtctaata cagttcatcc 120
 ttttagtccc tgaatccatg tttgagcatt ttaaagatgg aagaaacctg taagactcat 180
 atcatttttaa aaaaattgac ttaaaacact ttattggataa ctaatacatt tgtaacagca 240
 tcatgatttg ttttgctatc tgtatttcac ccagaactgc tgaattacag aatgaaactc 300
 aaatgaaagc attcatctat aatttcaaaa attattattt gaaattttta aatcaatagt 360
 cataacatca tcgtgttccg aaattagaaa attattagca catatacaaa catattttacc 420
 tatgtcaatt aggtcaatgt caggatt 447

<210> 2538
 <211> 392
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. N49738

<400> 2538
 aaaccttaaa tgtaatcttt aatgaaaaga tataagcatt ataaaagaag gggtcataat 60
 gagtgatgtg gagatgggcta catatacttt cttaagaatg ccacatcttt tatcatacag 120
 atttcaaagt ctttttgggt acataagtac tttaaaagaa ttgagctaca tcaattaaat 180
 aacaaatata attagttctt catcatcaca ataagataac aatgattaaa atgttttacc 240
 tcatatgggtg aaaatactaa tcttttcatt cacaaatttg taggcaaagt tgtaattacc 300
 aaacaaccgt atagtacaga aacaagaac atattgtaag tctagttagt atagtttttt 360
 ctaatagaca aaattgggtca acaattttatt at 392

<210> 2539
 <211> 472
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. N49902

<220>
 <221> unsure
 <222> (1)..(472)
 <223> n = a or c or g or t

<400> 2539
gcaagagagt gacacagatt ttatttctcc cagagaacag acagatgcaa tgaagacaca 60
tcttatcaat ggattttgtt tctcaagtca aagtcagctt ttcttaaacc atttccttat 120
gcaagaagat ggggagctga atgtggaaaa atgctcttca aacaaataat ttgataattg 180
ccaatgaaga gtgttctttc ttctcactac agatgaaata caagagatgt atctaagacc 240
agagcttttta ctttctctaa ctggagtgaa attaaaattg atggatattt tatttttatt 300
ttcatttttta ttttttcttc ttttttttcc ttgtgattgt cttttttatt ttagccattt 360
aagtacatca aaaaaaaagg caacacttcc tcaaagtgaa taaaaatggg aagaaaaaaa 420
aaaaaaaaa ttttccatag ggcctagcag naacttaaca catgccgata at 472

<210> 2540

<211> 549

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. N50038

<220>

<221> unsure

<222> (1) .. (549)

<223> n = a or c or g or t

<400> 2540
gcacaacaca aagagtgaac tttaataata actatgaaca ctgtagctaa taatgaatac 60
aagttcatca gttgtaacaa agtgccatgc taatgcaaca tgctaattag aggggggaaat 120
atgcaaagaa gaggagggat atgggaatcc ctttgtgcct aatttttctg taaacataaa 180
actgctctta caaataaagc ctattaatta aaacaacaaa atacaaaaca acaactaaaa 240
ccaaaaacag ccaacaccca atgggttgag ctggagtaag aacaggctgc ccagcacact 300
tcctggggcca ctgagccctg ggctngaaaa gcaaaaaggc cagtgagggt tggctggggac 360
tcagctcccc agcctctggt tcaagcccga tttacgaaca caaagggtcat ctggttggtat 420
ttcctgggtc cctcagctca ctttaaggag gcttttctgg tccacagctt tgggttgcca 480
aaagcaatct ggctaaangg atttgggaca tccggctggt gaatgtaggg gangggtttac 540
ccttagatg 549

<210> 2541

<211> 298

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. N50048

<400> 2541
cagaacttaa caaatTTTTa ttactTTTTa ttgaaaactg cactgaacgc taaatgtcca 60
cctttacaat aaacaaatac agtaacggta actcacacta aaacaaaaca tacttctgat 120
agccattatt tttctgtttg ggacaatttt aaagtttttc ttttgtcaca aaaacaggaa 180
tgtacctata caaaggctca aaataggcca tctttttaaa caaaaaggca atgattcaca 240
aaagactatg aatagaacat gtaactagtt gatacaaata taataggatt tgttaaaa 298

<210> 2542

<211> 413

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. N51053

<220>

<221> unsure

<222> (1)..(413)

<223> n = a or c or g or t

<400> 2542

```
tggccagagc aggcttttatt ggggccgtgt aaaccccagg gagaggcagg acgtggacca 60
cagagagtca tgtacaggct gcgctttcac ttgtcttctc tgtctcagtc tcctgaagag 120
cccagggaag tcaagtctcc ccaccatgag tgaggggtct ggtctgacag ttgggccttc 180
agagccaggc acgtggaccg tgtcagaagc gccacctggt ggtgactggg atgctngcag 240
ggaggagctg agggcaaaac tctagtggaa atttcccagg tcgggtccac gcccgggtga 300
cagggtgaac cctnagagga gccccaaaac ttggaggcaa ttgtctttga ggtaaccact 360
cacccagct tttcagagac cagaggcaag acatttctgg ctaagagcat ggg 413
```

<210> 2543

<211> 407

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. N51117

<400> 2543

```
aaagaaagag gtttaaaata ttttattaga gaacacatat caatattgaa caacacttaa 60
atagatggca ttcattattaa taaggacaat ataaattctt ataatttgaa cagtcagttt 120
gttcaacaaa taaaataaat tcatttttat cagtgggcat gatccatgaa gtatattttt 180
tcaataattt attcatctgc ttagtactat atacattcat tttctttgaa aagaaacata 240
aatcaacgt gattgtttat ctcatcacat cataaacaga tggacctgta aaaatggcgt 300
gtagaaaatt cagaaacact taaacagcac attccaagga tactgagtc atttaagaga 360
aattaaactc tttgaagcca ttggtagtca gcctgggtgt catatat 407
```

<210> 2544

<211> 471

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. N51342

<400> 2544

```
aattttttaa attaaaaatg ttttattggc tattgcttta atagatttac tacaataaaag 60
gaaaggaata tttttctcaa atgtgctaata aagaaaaaga cccaggaaac tgaacgatat 120
tggaacacagt tttcagtggt ttagacataa ataaactcat gaatttcata tggattctgg 180
aatattttacc actactcccc taacgatgca tttagcatag aacaaaaata tgaacatttg 240
aacaagtcca atctaacaca tttcaaaaca atcagatctt tggaaaactg ttttccataa 300
gtaccccttg ccattcatgg aagagttatg aggatgcccc tgaatttatt catggacact 360
ccataactaa gaaaaagaaa accatgtaga tgggtaatat aatttgacta tttgttcccg 420
cccaaacctc aagttgaaat gtaatcccca atactggagg tggggcctgg a 471
```

<210> 2545

<211> 269

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. N51590

<220>

<221> unsure

<222> (1)..(269)

<223> n = a or c or g or t

<400> 2545

```

aagctttcac aatttttatt aaatcctagt ctagttgaac aatatctgat gttacagaca 60
tcattcccatg gtgaacatgt ttaataagtg aaagcaagtc agacatctca tctaagncat 120
tatttttctgc agactaagca ataactacac agaacactat gggtaaacia acacctgctc 180
agtttttcaca caagccatgt tgtttatcaa attagatctg cnaatattgn aatacnctag 240
nttccgngng attggaattc cccaaaaag 269

```

<210> 2546

<211> 337

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. N51737

<220>

<221> unsure

<222> (1) .. (337)

<223> n = a or c or g or t

<400> 2546

```

acatagagaa atattttatat aaatttatata tatatacata tatatatata tatgcgccac 60
ataatcaaca gaaagatggg gctgtcccag cgtaagtcag gctcgagggg gactgatccc 120
ctgaccaatt cacctgataa actctaggga cactggcagc tgtggnaang antgnggcac 180
agcntangag ctgtggctaa gggcaagccc ctctctgccc caccaccattc cttatattca 240
gcaagcaaca aggcaataga aaagccaggg ttgtctttat attctttatc cccaaataat 300
aggggggcttg ggaagnagcg gtnngagngg caggaga 337

```

<210> 2547

<211> 376

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. N51771

<400> 2547

```

aaagtacaga aaaaaattta ttggaaatcc cttgaatata ttttgaagt tagctcggtg 60
tttccaaaca aagtaggttg gagagggttg aggaggagga gggactctga cacctggaga 120
caaacagctg gtcccagcct gtcccggggg tgctgcagga gtcagtctag ggctcattcc 180
tttcatggca ggtctgaggg gcaagggtg gccttaacag ttgctttact tctcccaagc 240
tcagctcaaa gtcattggct agactcttca cagatggagc cctggtgaaa ggctgctgca 300
cctgtagatg ccaaagattg ctgcctcaga caatggctag gcctttccat gcaaggcctt 360
ggaaagagag cagtag 376

```

<210> 2548

<211> 377

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. N51773

<220>

<221> unsure

<222> (1) .. (377)

<223> n = a or c or g or t

<400> 2548

```

nttgtttnc ttaaatgagg agatttaatg tctttacatt atacatttca aaggaacaaa 60
acacccttta tgaattttct catggagata gcattttacat cacagagcta ttgtgaaaa 120
aaaataagaa tgtacagcac acctggaata taaaaaacat cccaataact tacttgagc 180

```

```

cccgcagcca tccatccctc acatataaat acaatgaacc agatgaagat ccgtgtccgt 240
gtccatgaca gcaatccatt cagaagatca aagataaata gtctaataca ccaatttctg 300
acatttgctt agcactgcag gactcatgaa gagctgccac tcatattatc tcatttaate 360
cctacaacaa aaaccgg                                     377

```

```

<210> 2549
<211> 458
<212> DNA
<213> Homo sapiens

```

```

<220>
<223> Genbank Accession No. N51855

```

```

<400> 2549
tagacctgta cagtttttat tacataaaat atcacaaaat tcacaagtac aacactgctt 60
attttcttgc ttgaagatca gatctctggg ttattttaaga tcaacattca ccacagctga 120
aggaaattaa actgaacctt taaaagggtac cgcatacggg cctggttggg gttatatata 180
atatattcat tgtagttgag ggtataacca tctggattca gaattcctgt gtcacttgct 240
ggtcctaata gcaactgtact cccattcctg ccaaattggaa aaaaagtgtg tcaacatcag 300
tctctggttc agaagctgca atagagaacg tagtcttatc tggccaaaag gagtcttcta 360
gtcctcctgg ttctgagtag ttacagggtg acgaagtggg cagaactggg agccatcttg 420
cccagcccc tggtggctat gtttaccctg aagcaatc                                     458

```

```

<210> 2550
<211> 497
<212> DNA
<213> Homo sapiens

```

```

<220>
<223> Genbank Accession No. N52168

```

```

<220>
<221> unsure
<222> (1) .. (497)
<223> n = a or c or g or t

```

```

<400> 2550
ttacaaccat ttgagaaaac tattgtttat ttagaaaaaa ggttacactg gtagaattcg 60
gcagataaaa aaattctctt ttaaaaaatgt cactgtgaaa cttttccaga tgaaagttca 120
gcaatacaaa gtcctacag ctgtagaatt aaaacaatta tgttttgatc ccccgccgc 180
caagatttgt ctaacataat tacaagaaaa aatggcaagg gacaagtgat cgctggtacc 240
tttttctttt ttaaacacgt ttaatgttgt acatgtacta tataaaatga ttcctaagca 300
tttcataaga caatgctccc actgctttta gtgactaata ttaagaacaa gccaaataat 360
aaattaaaaa agtttttaaaa tgaggtaaaa tccaaagggg ttcaacaatt ggtttatatt 420
cagtttccaa caataaaaag ggaagcnttt cngaattggg ataaaaactg gnaccnnggc 480
catatttagt taatccc                                     497

```

```

<210> 2551
<211> 509
<212> DNA
<213> Homo sapiens

```

```

<220>
<223> Genbank Accession No. N52271

```

```

<220>
<221> unsure
<222> (1) .. (509)
<223> n = a or c or g or t

```

```

<400> 2551

```

```

tagcacaagg gaaaaaaatg ggaatttgcc taatataggt gatgaagcat acacaatgaa 60
tagaaacaat cacatttttag taaaaggcaa aaatttgaga cttataagct atatggtagc 120
ttatttttgg gtggggaaga aatgagaaaa gaataataca tctcttactg gcatgacaca 180
ttttgataaa aaatcttatt gtcctttcct actagaatga tccactgtaa ggcaaaaata 240
atatacaagc gaagtttttt tttggngaca cagtntcacn ctgtgtncce ccaggngctgg 300
angtgcagtg gtacgatcct ggctcactgc aacctctccc tcccgggttc aagtgattcn 360
cgtgcctcag cctcttgag tagctgggat tacaggcgcg tgccactgcg tccggctaata 420
ttttggaatt tttagtagag atgggggttc accatgttgg gccaggctgg ttctcaactc 480
cgggacctca tgtggtccac ccaccttgg 509

```

<210> 2552

<211> 492

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. N52322

<400> 2552

```

gagatttgtc acatttttatt cagtatttct gctgcactgc cagcctaggg atgcacttga 60
ttcccaagaa atgcaactgt cctattcgca gagccgtcca caggtagcta cccctggac 120
tgcagcaact ttattacctt aactagcaca gaacagaggt tgatttaaac tccttact 180
cacttctcag atcaatgaat gggcaaagaa acacctcatg gctctgggaa ggcatgctga 240
gacccgtttt tgcaagtcct gaggaatgga agaataatagc tgccagggtat cccaagtcta 300
gggcaggag ggtagtatcg gcatcacttt cactgcattc tgttgggtcaa cgcaagttag 360
aggctcagcc cagatccaag ggcagggaag aggtccatc gtgtagttgg gctcacttgg 420
aaggtaatgg gaggagtgg tggctgcttt aagacacata ccacatctag atttcaacct 480
ccagaaaagt cc 492

```

<210> 2553

<211> 439

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. N52845

<400> 2553

```

cgggatactt tatattcttt attattttta tgtacaacca actctagtga agaacctaaa 60
aagctacaga ctaaattttt ataaaatctc aggacctaat tataagagcc caaacaacgg 120
tttagtatca tttagcaagc ggggattttt ctccctccaa aaacgttaat ttgaaaaaat 180
atgggttaagt ttaaaaagtt gcaatgtgta aacggcagtt ccatgggatg tgaaaacgat 240
tatacgttac tttcattaaa aaacagcaca cttcgaaaaa tggattgaag cctgtacaaa 300
aagctattta acactgattg ataaaaaata aaatactttc ggaattatgc acaagtatgg 360
aagctacatt ttaaattttc atttggtcatg tctaaaacgt acaccattac ctttacgttc 420
atttcaactta ccaattttat 439

```

<210> 2554

<211> 476

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. N52985

<220>

<221> unsure

<222> (1) .. (476)

<223> n = a or c or g or t

<400> 2554

```

ttnggagttta cttaagagtt ttacttattg ctgttcttaa attccttccc ctaccacttc 60
ctcttgggct tttttatttc tcttggtgat caatctcttt tttgtgatac ttttcattga 120
atcatctcga ctccctttatc ccatccttta ctcgactcaa actccttatg ctgaactttt 180
caatccaaaa tttctattgt tttaggactc tgggaagcag ttgataaaaa gataacacga 240
gctactgata tggtcaggag atgtttttcta aacaaattgt agaaatataa acatgaaatg 300
tggcaatgat ccctttaatt agatcattga gcaataaagg atatgaacca ttagtataaa 360
tattcaattc agtctttccg gattgtgttg ttagataaga atacatccaa aaagggccac 420
agatcgaggg agaaaccaag gaggggtgag gtcatgggtt gagtgttaatt ggttct 476

```

<210> 2555

<211> 465

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. N53031

<220>

<221> unsure

<222> (1)..(465)

<223> n = a or c or g or t

<400> 2555

```

acaattttaat tattttattag tttcctcaac aacagttaaa acaacacaat cctgcatgaa 60
atggatccaa agtatgctga gtatttgcaa aacagtactg atactgtcag tggacttctt 120
aatgttcttg tttccatgta caatcgtgtg acatgtagtt aagcttagta aattgttttt 180
catgtaacct gtgaattgga acaataaatt tcaatataag ctcaatacat ttcaatataa 240
cctcatatgg ctttatatca tttttgtttt ccctaattgt ttctctcttg acatgaaata 300
tttctaattg gttaaacagg tactaaaaca aattttggac ttgacaaggt aagttttgaa 360
agatgttttg tcacaagaag aaaggnatct cttgggatca caaacgtctt cctggttgga 420
ataaacnaaa ggagttccct ttattggggg tcccagcttc cagcc 465

```

<210> 2556

<211> 472

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. N53067

<400> 2556

```

caaaggacaa aagggtttca tacaacacag tatcaaaaag taaaaggaac acactaaatg 60
cacaagctgg tggcaagtaa gtccacagcc tattgtgata ggtccatcca gcatcaatca 120
gatttcttct catctgttat ctcaagggtta tttacagatg tggtgactaa caagagtctc 180
tcattgggagg atgggcaggc ttcaatcatt ggtttcggga tctgtctgcg ccatgtaggc 240
atccaactca gcatccagggt gtccttttgt tttcgacata tatgcatcca attggttgtc 300
cagctgctcc ttgggtcaat acagggcgag caagggcacc tctccctcgt ccacggcctc 360
ggcctcgggc tccaaagccc cctcttcccc gacctatcat accccgacct ctaccaccgc 420
attccggcac gacccatagc tccaaggcct agggcccctc ttccaggacc tg 472

```

<210> 2557

<211> 485

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. N53352

<220>

<221> unsure

<222> (1)..(485)

<223> n = a or c or g or t

<400> 2557

```
gcttgaactc tggtcggtat gagctcctta aaagcaggta ctgggctggc tgtggtgact 60
catgcctgta atcccagcac tttgggaggg tgaggtggga ggattgcttg agtccaggag 120
tttgagacca gcctgggcaa catggcgaga ccctgtttct acaaaaagaa aaaggaaaaa 180
aaaaagcagg gactgtcatt ctcatctcct ccctggggta tccacaggaa tggacattca 240
aatggttgta gcctgggtggg gtagaaggca gagaagacta cccagccagt gaagtgcaga 300
ggatagacat aggaaaacat tccaggcatt tggagacagc tggaaaagtat ccatgcttga 360
ctttcatgga tttagaagtc nttaactgaa ttattaaaaat tgcctttttt ttgtgctgta 420
caatgtctac tgtactgtgg gtcatttaga tgagatgaaa aacttaaatt aaatctggaa 480
gtggc 485
```

<210> 2558

<211> 438

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. N53549

<220>

<221> unsure

<222> (1)..(438)

<223> n = a or c or g or t

<400> 2558

```
atagatagaa cttttatgat gtgttttatg gtttacaac cacttaaagc tcaccatttc 60
ttttgattct tacaagaact ttctttatgg aaggaaacat taccctcttt tcattctccta 120
gataaaaagg taaattatgt agcatataaa tgattttccc aaggctaatt cggacgagac 180
agtagagctg ggatttggat ctagtgttct ctgagtcaaa ttcctctgat ctttcttgaa 240
agtcactttc attttgtccc aacacatctg agcagacacc agtggtttca gaacacgtgc 300
catgtcttct tacttttcct gcccttttct ttcttaacaa tattacacct gaggaacagc 360
gcagaggcgg tnaactgactg ggggaaatgg gtggataccc attctaaact tcagggtc 420
gcttctcatt ggttgggg 438
```

<210> 2559

<211> 498

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. N53757

<220>

<221> unsure

<222> (1)..(498)

<223> n = a or c or g or t

<400> 2559

```
tttttttttt ttttctgcca acaaagtgtt attaaacacc tatgtgcaca gcnaggagcc 60
aggatcttca tctccactgc agttcatgct tctggagagc tgtccaaaag ctcggttgg 120
gctggtttga ggcctgggat ccagcccag gtgaagatgg gaggaccagc ccagcccaa 180
gagctcccag ccttcagact cctgggtggc cttgactggc agcaacagcc ttaataagta 240
ttggagctgg agaccaaacc caacaccatt ttccaggagg ggctaattca tgaccaaggt 300
gcttatgaga gcaccccttc tgggccttat gagagcatcc ttcctgggcc cttctcttgc 360
cagaaaaggc cgtggatggc agacctgcag gtgcgccctg gagggaaagt gctgccgacc 420
ggnetccan agcgttggct cttggcctga gctttgcctc tctctggnet cctgtgaaat 480
cacaccagc gtagtggn 498
```

<210> 2560

<211> 260
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. N54053

<400> 2560
 acaggaaaaa taaggcattt attacagatt gaaactgatc agaagaaaaa tcacagaatt 60
 cacaaaaatca ttctttgttg gaacttttct tccttccatt gcatttttgct gttaagagaa 120
 aaggagtgtg agggctcagac caccgtggca tgcgttcaca ttccagcttt ggaggccagg 180
 gaccaggac tcctgggaat tattcaaac cagatccgat gataccagac actagagcag 240
 ctatgaaaga agcagtcct 260

<210> 2561
 <211> 226
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. N54067

<400> 2561
 tttttttttt tttttagaat ctgaacagca ccagctgcat tgcacccttg atttattttg 60
 gagtaagaaa aaaaaaaaga atggggataa actggtatat aagaggaaca ggaaggaggg 120
 gagagaaccc aacacatgag gtctgcacac acagctgtcc tggttgccct cggtgcagct 180
 ccgagctcca gttacaagga attccaagtt ctcaggatct tgaaag 226

<210> 2562
 <211> 360
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. N54265

<220>
 <221> unsure
 <222> (1)..(360)
 <223> n = a or c or g or t

<400> 2562
 taaactccaa agccaagggt ttttattact ggtcaaaagg tgctcgctaa caaaacagtg 60
 ttggggagag gtacattcca cagctctgta ggagccctag tgggncatcc tgccccaacc 120
 cgccccgcct ctccantggg nanattntaa ggnatttcac acattggngt tttcactttt 180
 tttttttata tatataaaaa caaaaccagt cctggagtag aaagaaagac cctgtgatga 240
 acttttagga ctaaactgaa atggaaagga ttggagtgtg ggattctgag gggctgggtc 300
 agtggccatg gtggtccagc ccccatggt tggcagaagc cgcttggaag ggggcatgag 360

<210> 2563
 <211> 475
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. N54311

<220>
 <221> unsure
 <222> (1)..(475)

<223> n = a or c or g or t

<400> 2563

```
gattcaacaa tacattttta atatagcttt aaaaaggcaa acgaatttta agatcaccag 60
gggcaaatgc agagcataag acattcactg gatccagtta cgtgtgtaaa tgccctttac 120
caagtcaata ctattaaaga gactagtggg tctgtggcaga aattgtttct gcttataagg 180
gaggcaagcg aggttctagt gtcctcagca aaggcacaaa ctcatagcat aatgccaggc 240
cagtcattta acttcccaga gtctcattcc cttcgctgac aaaataggaa gattgaatca 300
gttgatttct catggattaa ctattttcat atccagtga ttttcagctt atcagctact 360
caattgccat ctgcttttct tctctgggtc tccatcaca tggcnaatgc cctcccatgt 420
gtatctctgtg attgggctgg ttgttcctc ctaccactcc tgggtgacat actca 475
```

<210> 2564

<211> 157

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. N54395

<220>

<221> unsure

<222> (1)..(157)

<223> n = a or c or g or t

<400> 2564

```
tttttttttc caagagccaa gcagacttta tttctgcagc aatctctgct ggtcaggggtg 60
cctgcntcct ctaccactg cccttcatgg ctgctgcagt ggnccgcagc tgtggccatg 120
cagccacact gtcaagggtc agcgatgtng cagtcat 157
```

<210> 2565

<211> 476

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. N54399

<220>

<221> unsure

<222> (1)..(476)

<223> n = a or c or g or t

<400> 2565

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aaatatttct attacttttg cccctactat attccatcta agaatacggg cacagaagaa 60
tgaaagtgga gtgaaaggta agaaagaaaa gtgagatgat aagaaaggga ggaggaaagg 120
gaatggacaa aaattagatg gtctttttatc caatttttag cacaggcaca gaacaatgag 180
gttggcatca ctctaaacta atccacgtta actgactaca aagatgatan gaaaatgaaa 240
ttaatgcata ccataaaaaat gcagttctaa tagatgccaa ngatgggcat tatccagaag 300
cgctgtagaa ggactctgct gtttctcagt aggtgggtca ccctttgcct tcagaacaca 360
tgggtcttct taagtgatat ttccatatca gatgggtgaga tttgtgggtt tcccaaactc 420
agtcccgacc ataagaacag gtaggtgaac cttgttaaaa tatngcagct cccagt 476
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<210> 2566

<211> 506

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. N54417

<220>
 <221> unsure
 <222> (1)..(506)
 <223> n = a or c or g or t

<400> 2566
 tttttttttt aaagataaaa aaaacctttac ataacttttat ttttcaaaga ctaatatgtc 60
 tcaggtacat ttagctacag tacaaaggat aagaaaatag cgcctaggaa ttttttaggt 120
 tgtagagaat ctcaactggc tttacctttt gtattttctc tccacttctc tagcaaagaa 180
 gacagagtgc tccattccc acttcttcag cctattgggt cacaaggggc ctaattttca 240
 tgcaacagc cctgagggaa taatctgccc ctctaaagga aaccagacc actccattct 300
 caatctcata aggactgtta ttccttgggt cataggagcc cccagggtag tagattccat 360
 tggngattgg ctgcttgga gttattatac caccagcctc ccccatngac ttctggaaaag 420
 ttctcttccc aatgggtctg atccctgtca aagggtgctga actggcatgg ttgnttgtna 480
 gaggtgtact ctggnccctt cctctt 506

<210> 2567
 <211> 511
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. N54429

<400> 2567
 cggagggtgat ggatatattt aatatcttga ctgtgccagt gatatcatgg gtgtatgcat 60
 atttccaaaa tcatgaaatc gtatatgtta aacactttgt atgacagatg catccgacag 120
 cattaactca agcataccct gagaatgact gtatgggtcta agaagaatat gtgttcagag 180
 tctaagctaa ggaatccggg aatggccaac ccagagagat tcacttctta tctgtgaagg 240
 aacttgaac tccctgcctg tccgttgga ctcaggatgt gcaaggaacc aaggcctttt 300
 attttgggtt aaatggaggt tgctaagtgg agagtgtctaa gtagaaatgt tatataaaact 360
 acatactctt tacaaatagt agcgggtcctg tccagccac tgccactggg accacatctg 420
 tatttaagtc ctaaataaac cctatgtccc attcactggg ctctgggtct cttcttggaac 480
 aaggcgccat ccctgttgga atcaataggg c 511

<210> 2568
 <211> 497
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. N54511

<400> 2568
 atgttgatga tgttttaatt tctagaatat tgtatgacat ggaactattc agaattcctt 60
 taaaaaggaa tctgtcttga ttaataacat tattaaggta ctttcaggct ttcccttaac 120
 tccatcgaga aggaagaggg agtatgtgag tacatgtgca tgtaatgggt caggaggaac 180
 agaagcaaag aaggaagcac gtgggaaagt gagatgtcca taaactgaaa aaccaattta 240
 cagaaaggca tctgatgtat tttctaaata aggccttgat cagggttaacc aatcctcttt 300
 gtagcacatt ctacactgcc cataaataaa ggagtctctt taaattaaca tttccagtat 360
 caatgaacag tccagaaatc ctcatttcaa gcgttcgatg agtccttgggt gtgagtccaa 420
 ggtgcagaag ttgtgttcgg gagaggtttg caagggttagg gaaggccgca agcagcttct 480
 ccccatgccca gttccag 497

<210> 2569
 <211> 274
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. N54604

<220>
 <221> unsure
 <222> (1)..(274)
 <223> n = a or c or g or t

<400> 2569
 ttggtttttt aactaaatta aatgtttttt acaagttgaa acgtgaatca tttaaaaaat 60
 tgctatcaga tccacagagg gcaatccact catatagttg actataaagc ttgaggagga 120
 attcataaaa atctaaagggt ttacacatg cagattgatt aataaatgtc gagatatggg 180
 ccacttcana aatnagggaa gtnattattg gtagatgttg cactagagca tagtttatgc 240
 agggaatgca ccccgagacc cttctactgg gtga 274

<210> 2570
 <211> 488
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. N54792

<400> 2570
 ttcataattt aaaataatct tttatttgct caccatagac attctgacct acattacatt 60
 gatatacatt atattttattt gcagtgagaa ctgaataatt taccacacag tataaatcac 120
 aaaattataa ttcttgaatt tctagcatta ttgttatgca tgtgagcggg taaccagaat 180
 aatcaaacat cattgatgtt aatctaagtg agaagttggg aataaacact tctaattatg 240
 aatctagaaa tttcaggaga caaattccac cattgaattc ttgtatcttc agaatcagac 300
 ctagcatata taatcagaaa ataaattttg aagttcaaatt cagtgggtgtg tgtgttagaa 360
 atgtcaacat gtaaaacaga atgctagtta acaatcacat tttcctaaga aaaaatttgc 420
 atcttaatca tacgaatatc acgaaaacag accatttcca gttttcactg tagtcctgga 480
 tggttttc 488

<210> 2571
 <211> 320
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. N54841

<400> 2571
 cacagtggca gattttcttt aatagatata tttcaaacag atacaacaaa ttaaaaaatc 60
 taattcacgg caggtaaaca tgggtgctca aaaagttcca catagacatt tacacttggg 120
 ccatcagtat ttccctcaca ttcccttttg ttaagtccca tcttcgcagt ggcagtagag 180
 gagaaatctc caccgtcacc gcacaatcca ccaggcgcac taccacctga agtgaagggtc 240
 tcatctcgaa ggtgcgctca gccataaaaa gaaaacatat tacagaaagg aaaaataagt 300
 gtgetcttcc caccgcaaa 320

<210> 2572
 <211> 459
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. N54950

<220>
 <221> unsure
 <222> (1)..(459)
 <223> n = a or c or g or t

<400> 2572
 tttttttttt tttttttttt tttttggctc tgaggaagat ttatttgctc tgaggctctg 60
 catccccag ccatcccccc agagcctctc cctgtgggaa cacaggacac aggcagagtc 120
 ctccccanag cttgcatctg tcccctgaac agggcaacct ggacgccagg ctnggatgga 180
 ggggagaagg cgatgcagcc gcaatggtag tctccanggt gtntnaggag ccggcacctg 240
 ctctcacacg atgccatcaa agccctgcag gccanacttc ttgccggcca cctggaaccc 300
 gaatctcagt gcttctctga cgctcctccc ctgggagagg ctnaagatna cggaggcatt 360
 tnaaggtgtc tccagtccca gtgtatccan cacgcggggt ngcgggaaag catccgagtg 420
 gagcaatttg ccatcanggn ccaaggngtt ggggccttc 459

<210> 2573
 <211> 431
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. N55272

<400> 2573
 tccatttttt aatcttcttc atttaactaa aacatacata caatagtcta caaatcttaa 60
 atgtacagct taatacattt tacatatgta tatactcatg taactaccac cttagattaaa 120
 tatattttcca gtgcccctgc atctctttct ggtcaatatt actccaaaaa taaccacttt 180
 tctgacttct gttaccctag aatagttttg cctattcttg agcttcatgt aaatggagcc 240
 atgtggagcc cagacttttt gactcaatat aatatttttg agattcatgc atgttggtgc 300
 acatatcagt catctgtcct tctctattat tgcttagtat tccatgggta tgtatttact 360
 acaatgtctt aatccatttt tctgttgata aacacttgag ttatttccag ttttgcaaaa 420
 agctgtttcc t 431

<210> 2574
 <211> 305
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. N56935

<400> 2574
 ttaaaatggc ttttattgag acacttgtag ggattctgca acatttccag ttgggaatct 60
 ttattttcaa ctcttagggg ggctaaaccc ttttctgaat gccaaaagga cactctcacc 120
 accttaatga ggaaacacac ttatctgtgt ctgttccgat atccaactgg gacctggacc 180
 ccaagccccg tgggtgtctg tacaagtctc attagtcttc cacgtacaac tcagaagcct 240
 gttaatcagg gagggttaatt tccaaataaa tgtgagctgg cctaaatcca gctgggtatt 300
 tctga 305

<210> 2575
 <211> 300
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. N57464

<220>
 <221> unsure
 <222> (1)..(300)
 <223> n = a or c or g or t

<400> 2575
 gaatcatctc ccgctttccc gggactttgc tttcactttc ntcagtcttg tggacagagt 60
 caagtagatt ttcaaaagtg ctccagaaag gccggaatag tcatgtagtg gatgaaaagg 120
 gcagtcacaa aactgcttaa gaccagctgt cttgccagta attgcagtgc ttttaagattt 180

aattaaaaag ccgcctgcct ttaacccaag aacacttggt attagggcac catgtcttgg 240
tcacggctgc tacgtgtatc tgatgtaagt tnaccatggn ctgtcatnat tatnttgctg 300

<210> 2576
<211> 388
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. N57934

<220>
<221> unsure
<222> (1)..(388)
<223> n = a or c or g or t

<400> 2576
ttcgggtgcca aaactttact ggaggtcaca tgggactagg ggccttctgt ccctgccagc 60
gcctccattc ccaggcgatg ccccgctgcc tgcccaccta tcctccgggc cccacacgaa 120
caagctgtgt cccaccgag gtcacagctc ttccctctgg ggatgggcca nggaaggggc 180
aaanaagccc ggaagaaggc ctcccgaac cgtcaactcc tggccgggtc tccaagcaag 240
tccaanaaca agtggaagcc tggggctctg gntttcctgn aagaaggctg ggaaacaacg 300
aatggttgat tctggttctt aaaatggctc cgtcttctga atgttccntc aaggtttaat 360
gancacgttt gaaaatattg gggccaaa 388

<210> 2577
<211> 512
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. N58009

<220>
<221> unsure
<222> (1)..(512)
<223> n = a or c or g or t

<400> 2577
tttttttttg tgccaaaact ttactggagg tcacatggga ctaggggcct tctgtccctg 60
ccagcgccctc cattcccagg cgatgcccgc tgccctgcca cctaccctcc ggccccacat 120
gaacaagctg tgtccccacc gaggtcacag ctctgcccctc tggggatggg cgagggaggg 180
gccacagagc cggagagggt cccgcaccgt cactcctgcc gggctctcaa gcagtccagc 240
accagtgcag cctgggtctt ggcttctgc aggaggtgg tccttaaatg cctcgtctgt 300
gatgtccctc aggttgatga agcacgttga aatatgcgcc aaacacaccc atntccaggg 360
ctttggccgc cacctggagg tctgaccggn aggccaggnt tccaaaccgg gcaagttcct 420
gaagggccgg caaaaggaag gcaacggttt tgcgaaagt tngggaacaa gaaaattgcc 480
ggcttaaaac ctctgttagg ggcnccttg cc 512

<210> 2578
<211> 335
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. N58326

<400> 2578
ttcataaata agtattataa ctttattaaa atgaaaagac aatattcaaa ataatgcaac 60
aaaatgaata aaatccttg tccaatactg tacacataat gcagaaatca gtgcattttt 120

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cttaagcatg ttttaacctt catttagttc atactaaaat ataataagct ttaaatagct 180
caaataatat tcagcagttt aaactgtaaa cagcttgttt aactgttaag agaacattgc 240
agtaatgtac ctctgttagt gagcaccttc tcttctgtgc ttatctcttc aagataaata 300
catggaagga tgtggaatc gggaaccacc aacta 335

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<210> 2579
<211> 299
<212> DNA
<213> Homo sapiens

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<220>
<223> Genbank Accession No. N58463

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<220>
<221> unsure
<222> (1)..(299)
<223> n = a or c or g or t

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<400> 2579
gtcacttttag actttttaat atttcataca gcgattatgg tgcattcagg aacccaaccc 60
cccaaaccga ctaggagggc tcccaccct gccctccac cccatttcag ggccccaggg 120
cttaggggtg aggaagggga ggtaaccacc catccaggga ctgaccctgg agactgtccc 180
tgccctgcct caccctcccc aggagatagg gggcaacacc tgggcacaac ccctcacacc 240
cccctcccc aancctgctt gtgcacatat gcacattatg ggtcctcgct gagctgggtc 299

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<210> 2580
<211> 377
<212> DNA
<213> Homo sapiens

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<220>
<223> Genbank Accession No. N59089

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<400> 2580
acaaaatttta tttagaaagt tacatatgca catatggtaa aaagttcaaa aagtggcacc 60
aaaagatata acagtgaata taaggctggg tcttgttttt atccactgag gcaataactg 120
agttttatatt caaagggtatt ctctgtgtgg cacaatcacg cttgcatatg ttaaaaaata 180
caaaatggta tcatacttgt tcctctgcac tttctttttt ttctttttta caacatatct 240
tagaggtagt cctattttcaa tttagctaga cccatttcac tctgtttaat ggctacattt 300
cgtttttcat tgtgagactg tgccataatt tatttaataca gtgcatattt gaaagacatt 360
tggatcggtt cccagca 377

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<210> 2581
<211> 418
<212> DNA
<213> Homo sapiens

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<220>
<223> Genbank Accession No. N59231

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<400> 2581
tttttttttg gcaggggaaa gccagcttta ttgagtaaac ttcccaggac ctgggacatc 60
ttagatctcc ccttccccca ggagatagga cccctaaacc tcccctgggt ctagggacac 120
ctgacccatg acttgtagtc tccagtggag aggggaccct tatttggaag gagatgaaca 180
tgtaagcagc tgtccgcggg agaaaggacg atgggtgaaa ggaatgaacc accgcaagcg 240
gtgttctctc ctgtccagct gtggacagga cctccacggc ccggccttcc tggcctcggg 300
cacttggttt ggccctgggt gccgtggcag cacagcttct gttgaaggct tggggatggc 360
caggctgccg gtctggggca agatcactcg atttcaggga tgaggtcgtc accttcca 418

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```

<210> 2582
<211> 463

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<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. N59283

<220>
<221> unsure
<222> (1)..(463)
<223> n = a or c or g or t

<400> 2582
cttttcatat ttcaacttta tttaaaatat gaggttttat gtccagaagg gagggcagtt 60
gccatcggaa ggtgaagtga ggcacaatac tattgggttg cgggccaaagt acacaggggt 120
gcactgtgaa ggaactgagg aggttctggg agggcctggt gacaacaatg gatttgggga 180
gatccacaaa ggaaattttc atttcctccc caggtagct attcagtggg tggattattc 240
agtcttttta agcaaggtca ctgctcctta gcaacatcaa caaaagtgcc aaagctgagg 300
acacagagaa taccatcatt gtcttttggt tctctttatg cctggatggg gaaaggaatg 360
gaaactaata gcagaaaatg aaacatttcn ggatgttatc ccttgccatg aagaatcacg 420
ggcttgtgta gagacctctt tcctttcntt tttttttttg agg 463

<210> 2583
<211> 396
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. N59474

<220>
<221> unsure
<222> (1)..(396)
<223> n = a or c or g or t

<400> 2583
gaaaatgagt acatttttatt gtatataaat gacacctcaa taaaaacgaa agatgtgagc 60
aacatcctgg gaaaagaaaa tgtgatttca ccttaagtgc tttanagaat tctattatat 120
gcctcagctc ttactctttc ttcttttttg agacagagtc tcgctctgtc acccaggctg 180
gagtgcagtg gccacaatca cagctcactg cagcctcgac ctcccaggct ctaagaatcc 240
tcccacctta gcctcctgag tagctgagat tacaggcatg agcactgtgc ccaggaactt 300
actcttgcct gtaaaaatac agctctgaag tgaagaaatc ccaggngcca catcaaggag 360
gcgaaactag agtccgcaga ggccagcccc gcacga 396

<210> 2584
<211> 445
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. N59532

<400> 2584
ggcaagtaag aaggaagttt aatttttttt tcaggattca gtggagtcca ttaatgcata 60
ccaggggcaa agatcagccc agggtaaggc aagtctggga ggaagcccac cctgccctac 120
agcagccctg gaactcagaa taggtggtga gtctgccatg gtttgctact gggcagcaca 180
ctagaccaac ttgggaatgt ggaagagtga gtctatgttc cctcagccat cccaagttt 240
acacacaggc atagcagccc tactgtgagt cagcaatcat tcctgacttg cagtaaggac 300
aatttgcatt tacggaaagc aaactggagg gggtagccta agtccgcact gcccatgtta 360
ttaccctttg caatgtgaaa aacctgggtg aggtaggttg ggcaggtttt atcctctcca 420
caaaggtgag cctttgctcc acagc 445

<210> 2585
 <211> 438
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. N59536

<400> 2585
 cattgctaag gaagaactcc ctctgctctt ggaagatttt ctactctact gatctttattt 60
 tatttttattt tattttttacc tgatgattgt cttaggcacc ctcctttacat aataaaccat 120
 caagctaact tgaacaggga aactgagtca cactcaaaca atagctaagg tcaaaagtgt 180
 agtgaaagta gaaaaagtgg ggaagggata ggtctaagtg agtgacagat gggctgattc 240
 agacagggca ataagcacag ggagatatga agacaactac caaagcaagt ggaagacaag 300
 gttttcaact ttattgtatt gaaaaatact tgtcacttgg ttcagatggc aaatctaaaa 360
 tgagcccaca atgattatgt aataaatgca gaacgtacca caacaaatcg agactaacac 420
 agaaacagaa gatgtgac 438

<210> 2586
 <211> 428
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. N59543

<220>
 <221> unsure
 <222> (1)..(428)
 <223> n = a or c or g or t

<400> 2586
 aatgggtattt attctagcaa ccacaacatt gttacaaaag cacaatttta ataggcttat 60
 ctgctaagat gctttttataa gcagctgtca cctatacaga gttatgaatc atcttttggtg 120
 ctcaagggaac ctgtagaagt aagagacatc atcatacaga gaaatgtagt taagttaagt 180
 tgaagcttgg aaaagatcac atgaaaaaaaa tctagctctt gccttatctc ttcctaagtt 240
 aagcataaat tagccgtctg caatagccgc ctgtaagaca aatgataaca gaagacaatc 300
 acacatgggtg aatcggtttc cagtggagtt tttcttctaa agagacagta aacagggtcac 360
 aactcattcc ttgagaaaagg attcctatta aatacccaga aacagctatc aaataaacag 420
 ccaaagcn 428

<210> 2587
 <211> 434
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. N59550

<400> 2587
 gctcttttgag aaagttttatt ggcaccagga aggggtgttgg gagctggcaa ctacaactgg 60
 tgagcaaccg ggcaggcaaa attattccta gagcttcagc aagttctctc agcagttatg 120
 gacaaagctg gtcccagctt acagcacgca gtttcaccag ctggatgtgc agagaattac 180
 attactagat taatgttatg tgcttgaggt gcttttatcc ctggcttctt gacttttgat 240
 tgggtgtgat aagaatgact taatttggtg taatccactt tcacagcact gagcatactt 300
 agtatgtact gagggttgct cgaattaacg gtgtgtaccg caccacagga aggccttaatg 360
 aagtaggatt actgcttaag ctaagacctt tattaaaatt ttgtcctctg gccagtcgtg 420
 gtggctcatg ccta 434

<210> 2588
 <211> 413

<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. N62126

<220>
<221> unsure
<222> (1)..(413)
<223> n = a or c or g or t

<400> 2588
aagagttgca tatttttactt tattttttatt aaattaaaag ctacagtctg gcagcgattc 60
cagaacaggg taaggaggtt cctcacaggg gtcagagaag agcggagaaa gacagactga 120
cggagactga gacacaggag agaaaggaca aggttaaggg agaactgtat ctgatgaaca 180
cacacagccg gctccatggc gggtgacggg gagctcacat cagcccaatt tctcctcccc 240
ggcacccgaa gttcagcggg ggagcagtat gtggggggcg ttaggaatca agagaccctc 300
ccttccccac cctaggtcct tntctcggct tggtcgtgga gcacagcaca ttaccagaaa 360
aagncaaggg caattgangg gcagggaac cgggagnata ttntacacgg gga 413

<210> 2589
<211> 453
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. N62443

<400> 2589
ttcccactaa ataagaaaac ttttaataaga tgattacaaa gaaattaata aagaaataga 60
aatgatagc agcttcaaaa ataccagtct ccctgtttta aaacaaaatc aataaaatca 120
gtgaatcaca attcattgaa ctcatctctg gctacaagga agcagctgga tagatccact 180
ggcaggcagc cctgcaggat taaaatgagg cccactgcc aaaaagcccca aatgagatgc 240
cgtctctctc atctctcacac catctctcatc aggcaggga ggaataggat tagactccct 300
attatcggag aatagggtga ggcacagagc aggaagggcc ccttcttaat atcatagagc 360
ccctctgttg ggtcagacca gaactggggg cagaggctaa aggtgagacc cactgctgtc 420
caggagcaag ggggctgggg ggtaggggct acc 453

<210> 2590
<211> 396
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. N62487

<220>
<221> unsure
<222> (1)..(396)
<223> n = a or c or g or t

<400> 2590
agacatattt tcattttcttt attagaaaga ggtctctaca ccatagccac ctctctctgt 60
tacttttacac atcttttcttt ttctttttcc cttagaatac tgtacagcgg acacaaaaaa 120
atcccaaggc aggaaaatac aaactggcat atttaatcaa aacaagatca tatgaaataa 180
caagcaaagt gaaatgtctg tcaatggttt taattacagt acaaacaata taaataaagc 240
atcattgagt cattgtgaaa cataaagttg ctgaatgagg taatagaaaa catccaaaaa 300
aaaaacctaa acccatctgt ggatacacc acgctgccct tccatctcta tacactngct 360
atttacagaa acagaaaact ggctggcaag gtgggt 396

<210> 2591

<211> 413
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. N62523

<400> 2591
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 acttaacagc ataaatacca ccaatatcat ggtgtacaat taaactaacc tcatgtcaac 120
 ttgtacctgt ttaacagatg cgatctttgt ggtgttgcca aaaggataat ggattattgt 180
 tatgtttggg aagggtgctca aaattaaaga ctttatgtcg acttattcac acacatacac 240
 acacacacac atgcacgcac acacacacac acacactctt acacttagcc tcctgcaaaa 300
 tgtattgact ttagttgcta tatccgattc ggataaaggc tttgctcatt ttttaaataga 360
 cattattaat tgcagaaaaa acgtggagga gaccttgccc ttggcagggtg ggg 413

<210> 2592
 <211> 414
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. N62652

<400> 2592
 aaaaagatac actttatttta tttttctaac caggaaagaa tcatgatatt tgctgggttt 60
 actgattaaa aactaccacc accaaaacag aacaaagacc aaaaaaaaaa aaaaatgaag 120
 gagggatggg tatcatcaaa agaaattctg tctcaattac agggaaaaat atttagtttg 180
 ttcaccagtc aaattcaagt cacagacagg cagcttatac acatttaaag acaaacaaag 240
 gtttagggca ggacgagcaa caagcagagt gtaaaaagag gcggggaggg agctggagag 300
 ggcagctggg gaataacgtg ggtgaggaca ggtggagtcc atagcccaca cgttgaatg 360
 ctgcaaaggg cgcaggcagg cgattatacc cttacagat ttccgttttt gtaa 414

<210> 2593
 <211> 437
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. N62675

<220>
 <221> unsure
 <222> (1)..(437)
 <223> n = a or c or g or t

<400> 2593
 catatagtca gttaaacttt attatttaca agttaaatta cacagcagct ttacacagca 60
 tgagatggaa aggaaggaag gagagaaacg aggagaggaa gctggctcct gagattcttg 120
 gctgcctcca cctccttctc ttgggcgtac agtcttcagt gctgcctcca ctccaaggtc 180
 aaggatcagg gcttgggaaca cagggtttaag tcagggttctg gctctgacag ccccagggcc 240
 accagggtc ccactagcag cttcttcaca ggcgttggag gtgagtgtga aggcatacag 300
 tgcagggaga aaggttaatg ccagttnggg ggaggcacac aaatgttcta cccttttaac 360
 cccaccagc cctaccctaa gggactccaa tttatctaag acgatgggag acaaatagang 420
 gccacntgga atttcaa 437

<210> 2594
 <211> 242
 <212> DNA
 <213> Homo sapiens

<220>
<223> Genbank Accession No. N62819

<400> 2594
gggtgctggtt aggtttttatt ttaacaggat gttttctctt attttttcaaa atatcagtta 60
tatcaatatt agaagtgtaa acaggtacaa aatatacagt acatagaaac aattttctta 120
actagtctat cgcctaataa aagtatgcat gagggggctg aatgaatggg cactgccagg 180
tccttcgctc tgcaggggaa acaagaggac cagtggctgc ttcaacaaaa caggaatgga 240
ta 242

<210> 2595
<211> 497
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. N62922

<220>
<221> unsure
<222> (1)..(497)
<223> n = a or c or g or t

<400> 2595
agatttttag aaattcattt atttgcaa atacagtga aaatttctctt ccagatgcat 60
ataaatccga agttttttatc ctagtgaagc gtacagaatg ctattgttat gacatttaag 120
tatcataaca taatgtagct aataaagctt tttaaaaatt atggtaaaagt gtatgtgaaa 180
tttaccatta gtgacattga gtaccttcac catgttgtgc aatcatcccc aataagtagt 240
tcagaacat tttcatcacc ctagaaggaa actccttttt agcaatctct cccactcct 300
ttctctcagc ttcttacaac catttatctg ctttctgtct ccatggattt gcctattttg 360
gatatttcat ataaatgcac tcatgcaata cgttgccttt tgtgtctgcc ttctttcact 420
tgggcaaaaa tgcgctcaag ggctcatcca tggcttttagc angtaatcag tccctcattt 480
cncctttatgg gctgaat 497

<210> 2596
<211> 419
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. N63047

<220>
<221> unsure
<222> (1)..(419)
<223> n = a or c or g or t

<400> 2596
nttattttta ataaatattt taattctatt gttgacattt acaagtagaa agcatacagt 60
atgttacaaa tatcaaaatg agaaaaatat gaatgttaca taagtaacaa atataaaaaa 120
agtattttct taccttcctt gaaagtaaga aaactattca gcataggaaa atatcagtat 180
caaaaacaca gcttaggtgt aaaaaaagtt ttacacagt atttaaaaaa aatgatctac 240
aaaatgacaa agtaagtgtt gaaatctgat ttcataataa ttataaaaaa tgggtactta 300
gagtaaatgt tatctgggtg gaaaataagt ccaatcataa gctttcctta ggtcaattct 360
ttaaaatatt aaaagcatat cgaaaaattt tccaataaat aaccttnaag aggggttcc 419

<210> 2597
<211> 313
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. N63165

<400> 2597
tccccgagaaa aaccaattta atgcttctgt tctcagcatt tcacagcatg caggactcaa 60
atggatacaa cagaagaaaa aaaccacaaa tttttggaaa agcctttgtc caatgattaa 120
tattttgata tctattgaca atcccttaga acttttaaact tcaaaaaaaa aaaagtactg 180
tggatctcca tagtttatac agaattatgt gaattctata aacttttctg aacaaaaaaa 240
ttacatgtca agaatccatg aagcctggaa gatacgctca cgtttttgag gtttgtatta 300
atgccagttt tta 313

<210> 2598
<211> 472
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. N63172

<400> 2598
gttggttttaa aactttatta ttatttgttt aaaagcaagg catgcttatg gatgactctg 60
taacaaacta attggaattg ttgaagctgt tccctgggtc caccctggag agtaatctgg 120
gacatcttgg tgtgttggtg ttgttggtgt ttttcctcct ctttttttga ggggagtggtg 180
cagtttgttt ttcagtcttg tttttttaat tcattaacca gtagatagcc ctttaagggga 240
ggaggaagga tccacttcct agatctagtt tagaaaacat gttccccatc tgggtgctctc 300
aggaaggagt atagtaaatg cctcatttaa taacatactc ctttttgaaa gttgcctttt 360
ctttccacc ttggagtaga tccagtattt ggatgaaact ccatgaaagt ggggtgaagc 420
ctgtccttgc ccctcctggt ttctagggcc acactggtat ggtgactgtg ga 472

<210> 2599
<211> 268
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. N63391

<220>
<221> unsure
<222> (1)..(268)
<223> n = a or c or g or t

<400> 2599
attggaatat tttatttaca ttttatattt aaagagaatc aatacaaat gggacatat 60
tacagcattt caaatcagtg tacaagaatg caatgggttc atccattcag caaacaaaaa 120
tacatgtctg ttttattttt gcctaaattc tgctataatt tgaacaaaat tctaaaaaaa 180
aagccacaca gagtacaaat aaagtgcatt tttaaatagc tctatttaac tttggnggat 240
gaaacttcaa actntatatt aaggggcc 268

<210> 2600
<211> 204
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. N63604

<400> 2600
taattaataa agagtccacc ttttaatat cgtgtttaac acatctatgg gtttggtaga 60
aagcaaattc atgaccttga aatagtagta ggtgataaca tgtgacttgc cagtaaatc 120
tcatatcttc actgtcactt aggagataat cgaagaatat gaacatattt aattcctaaa 180

gttcctgcaa taacctacat acac

204

<210> 2601
<211> 427
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. N63646

<220>
<221> unsure
<222> (1) .. (427)
<223> n = a or c or g or t

<400> 2601
tgggattttt aaatcatttt attaatccaa cagtacaaaa gacccccacc accaccgcat 60
tctgccatca ctttgttcca aaaagtagtg gagtgagaga gcgagaggga gcagatccag 120
caaaaacact cccccagggg ccattttaca aaatgcggaa ggcgcgaaga caacacaaaa 180
acagcaacag ataaatgggg caaacagaac aacaaacaca agagttgagc agcgggggtg 240
gggtgggggg ttgccatcta cgccgtttta gtgtgaggga cactgggaac gatgccaga 300
ggctggctct cctcccagcc tcaaagggtg tcagctccac cagagcaggg tcttctctcc 360
tcatgccagg aactgagaga agtgggggta ggggaccact aggtcttttg ccacngtatc 420
ttgagct 427

<210> 2602
<211> 497
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. N63688

<220>
<221> unsure
<222> (1) .. (497)
<223> n = a or c or g or t

<400> 2602
cgtagagatg ggtcttgcca cggtgcccag gctgctctcg agctactggg ctcaagtgat 60
ccaccacact tagcctccca aaatgctggg attacaggcg tgacaccnat gcccggcaat 120
aatggatctg agggaagata cttaaataatg gcagagactg aataacctata ataaagatca 180
tcaagctacc taaatttggc ctacttttga gaatgattaa aaagtggggc actagcagca 240
attgcagtaa taaaaaacca tacaaaactc aaaaaaaaaa aaaggctata agggctaggt 300
gcagtggcta acgcttgtaa tcccagcact ttgggaggct naggcaggag gatcacttga 360
ggccaggagt tttgagacca gcctgggcaa cacaagacct cacttgtttc tactaaaaaa 420
ccaaaaaatt tagccaggta tggtaggggtg cacctgtagt gtgagatact caggggcgat 480
tacctgagnc caggaga 497

<210> 2603
<211> 492
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. N63698

<400> 2603
aaaattgcta aaaacgagga agatctcagt tctccttcaa ctggcaaatg aataaataaa 60
ctggtacagc catgcaattg aatactgctc agcaataaaa aagaatgcac tgccagtaca 120
gcaacatgga taattctcaa atcgcattat gccagttgac agaggtcaga ctcaaaatac 180

tatgtacagt gtgattctac ttatatgaca ctgaaaaaag cagtactata aggacagaaa 240
acagggttagt gggttgccaag gagtgggaga agcagccagg gagaactttg aggagggtaaa 300
aatgtgccag gccttggtcg gtgggtggtac ataactgtgc atttgtcaag actcagtgc 360
atacgcgtgaa aagggcagggt tttactataa gttgtacctc aataaacatg attttttaaat 420
gattaaaact ttgggtttttg tttgtttttg ttcagtttta aggtttacca taaatctatt 480
gggttttaga tt 492

<210> 2604

<211> 413

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. N63845

<400> 2604

ccgagcagga atatccactt tattttggact ccatgacacc gttcctatgc ccttgactag 60
atgtgaatgt attatacatt gttctagatt tggggggaaaa aaatctctta tgacataaaa 120
ttggtaggga atgggtttat cagaaaagggg atacaaaaca taccctaagc tccaaatcat 180
tcacttcttc ttgggtaaag agctaactga atgaaagaaa ttgatttaac acttaaatta 240
gacaccaacc acctttattg gctgccaccc taaattagtt ttccttaaaa cagtaaatatt 300
tcactttttac tgtttttttt tccatttaaag caacaccatt gtgctgcaaa actaactcta 360
tgcaattaag tacctggata catgttttct ggctttttaac aagtgataga aaa 413

<210> 2605

<211> 463

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. N64017

<220>

<221> unsure

<222> (1) .. (463)

<223> n = a or c or g or t

<400> 2605

cggttgtaatt atttattctg ttactggctg cttagtgtga catatttgat gttatttcaa 60
ttgtaataact cttcaaattg gaacactcct tttctgatat tcttagcaaa tccctctttt 120
atttttgccca cttgttataa tatctctaag aagttactcc aggaccgggc agtagggatt 180
actgattcag atgggtccag tgactagaat atgagtagaa agtgtgaggt ctaatttgaa 240
cctgtcagag ttactgttgc ctgcgctggc ccaaagtga gatttttagt cagcttgtga 300
taggccagggt gttttgtctg gaccaggagt tatctttgac ttgtagctag aataaggatc 360
ctgagaagtc aggtatccac ttgatgtcct tttatttgac ttgttaccat tagtactctc 420
ctgggatcaa ggctgccaac cgaacctata ncccagattt ccc 463

<210> 2606

<211> 565

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. N64036

<220>

<221> unsure

<222> (1) .. (565)

<223> n = a or c or g or t

<400> 2606

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ctaattgatta tttattttgc tttgtatttc agaacaatct tactttggat ttttgattta 60
atttcactga aattcagtcg gcattacctg atgctagcat gtgaggcata atctggaaga 120
ctgaatcaca atttactgct agggggagcct gccaaagcttt gccattcttt caggggaggg 180
tttccctgag aagccagttt ttttagatag tcaacttggt ccagttgggg aatatcaggg 240
ttctgcctgt aatattttct caattttctt agaactgtgg gcaacccaac tgtggaagca 300
tagaacatgg gccgcctt gtgccttggt catccatata catgtaaata gacaacatca 360
atgtgctctg ggctagcagc tatcccttct cccaagatac ggaatgcttc attgataagt 420
gaatataagc agcgttcaag gatctcatcc tggctaattg gtacgtgggt caatgtgang 480
ggttttctaa cccgtgatag gaattggnaa gccanggatc aggttgcneg tgccgaattc 540
ttggcncgaa ggcaaaattc cctat 565

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<210> 2607

<211> 430

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. N64374

<400> 2607

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cagttcattg caatttattt aatttaaaaa taaaaacaga aacaaaaacc aaaatgaaac 60
aaaaatcagt ttccaacgaa aatacaaaaca ctttgggtgg ttatccagct tgtttttccc 120
ctgtaggctg ttctgggctc aaaccaatca aatgagtgaa aaccaatttt gacaggagcc 180
ataaagcatg ttgcaccaat taaattacac caatatatta ttataataacc tttgaaatgc 240
ctttcagacc aataaataaa aaagacaaat tcaaataaaa aagtcaactt tttattacca 300
aaaaaaatag aaattaaata aaagtcacaa tgtggatttt tttttttttt taatgtgcag 360
tcaagtttct ctcttttttt cttctaggaa tgataccatg ccagtaaata cctacagaac 420
atttcaggtt 430

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<210> 2608

<211> 453

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. N64436

<400> 2608

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gtcaaatctc atctctgttc tcctagtttt cacagaaata tttacaggaa taaagggtga 60
aacaaaagta cctaattgat atctccatcc atcgaaagat tgctcaggga taagacactc 120
aaacaagggc ttgtgatgag gatggaaaag acaaagcaac ttgaagagaa aaaaaaattc 180
ttttaaactc agttcatcct gcaaaatgga cataacacat gcatataaag gtttgacttt 240
ttaattccac ttttttgcct gatcgcaggg aagatggcat gtggctggcc ttcctgaagc 300
cttgctctcc caccactggc taacagacag gcctccaggg ggccttgcaa ggccgacagt 360
gaccgcagcc cattccccac atccttaatc agagcctcat gcagttcatc cccacattac 420
cccaacataa cgctgtagtg ctacacgtag atg 453

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<210> 2609

<211> 421

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. N64535

<400> 2609

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aagtgaata aacttttatt ctttcttgat tagatggagt tacaattgcc aaaataaaaa 60
tccaagggtc aattctgggt ttaaaactag aaaaggaaaa aatgttatta tcagtaatga 120
ctttgggaag aattctttta cacacagtga gggtaggttc ttttggaac aactgtattc 180
tatgtttata catatttata tataaaagggt gtctctcatt ggggaggggg gtgctgatgc 240
caccaagttc ctttgaagcc ttttctcccc cactgccaat gcccgagggg aaggagtcct 300

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caatggcggc tcaatctagc tcttgcggtt agacttggat ctccattcca atttagggct 360
 tttctttctc ttcttcccaa acttttctgt ggtatcccag aatatagggtt gggtcagaac 420
 c 421

<210> 2610
 <211> 437
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. N64616

<220>
 <221> unsure
 <222> (1)..(437)
 <223> n = a or c or g or t

<400> 2610
 acattattaa ttatagagtt tatttggaaca caaagcatga gaatagccac ctggaaacct 60
 caactccaaa tgaatggggg cagcggtccc aagtagagac attaacggtt cacacacaca 120
 aggaaataca gagaagcttt cccagaacca ccacattttc cattcaagtc cagtgcatag 180
 gctgcggcan ttcgactggt gatggagtga tacacttcaa ggaagggttac attatcactc 240
 cataagaagg gacaatgatg ccaggagggtc ttatctctgg ggctgcttag ttttcctaata 300
 tatttacacc gaaaactttt taaaattgat attaggaaaac taaattgtat agcacatttt 360
 gttttgggtt tgggttttgg ttggggaagg cgtcctgctc cggtcgcca ggctggaaat 420
 gcagtgaatg tgatccc 437

<210> 2611
 <211> 435
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. N65959

<400> 2611
 ttgcagttta cttgatttta tttaaaagca aaatacattt taaaactctg tcattaatta 60
 ttactcagac tcggaaggcc tttctaattg tgtcctcaag tgggtctcaa ttcaattagg 120
 tcaaattgag cccctgatta atgacagggt ttatattagt ttctaactct tataccagga 180
 aaacctgatc aactacttca cataccagc agtctttaaa gaaacaagag aaaaatctcc 240
 aaactcactg gttggcaacc tgtcccacca gggacgttcc atcttgtagg tccctacgtt 300
 tgtcaagcca agtggtgaag gactgcatcc atggtagggt cctctgaaag aaatggatgt 360
 ctatgttgtt tgagtgcgcc ctggccatca gcatggccag cttcattggg cttctgagca 420
 ctgttcacca agaaa 435

<210> 2612
 <211> 417
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. N66066

<400> 2612
 ttccagttaa tttagtcctt tttttttttt attctccata gaatattgggt tttgtaacaa 60
 cgaatacaat ccaatatata acattaaaac aatccgatac ataccattct gctttatgaa 120
 agatcagcaa aaatacataa acaaggatat aactagtaca ttataaaaat acatcataac 180
 aatgaaacca aaggatccca cacaataatc ttcacatttg acatgctggt tacagctgag 240
 gagagccagt gtctttggca agtgattcat atacataagc gatgacactg actaatccta 300
 acacttctga aatgttcatt ctttaccagt taaacctaaa ataaatcagc aagagtactg 360
 aaatataaca agaatgaaat ccaaaatttg tcgaaagggg caatgtttta tactagg 417

<210> 2613
<211> 393
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. N66130

<400> 2613
gggaattcac attttaatgt ttcagtagcc tgaacaactc aaattgatgt gtacccccac 60
ctccccgat caggctgcct ccctcaccca tgtaaaata aaaacacagt atgtgacaca 120
ggagtccctt gatgtttctt gaggagatct gtacacttga gtagcaaata catatctggc 180
tgtcttcaat atatttttaa aagaaagaaa gagaaagaag aaaggaaaga aggaaaaaag 240
gaaggaaaag aagtaatatt gtgacctttc ttgctcttta aaaaaatccc tgtctccttc 300
ttttcaggat gatgaagccc cactagacat tacaacaac tgcaacaaat gagtttggca 360
agcataaata aatggtctag ttattcaaat ctt 393

<210> 2614
<211> 301
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. N66139

<220>
<221> unsure
<222> (1)..(301)
<223> n = a or c or g or t

<400> 2614
caccaatgaa catttattga gtgtccacat gtgcacagct ttgaacttgg cgatcacaga 60
acgcactggg ggaggggaagc aagggatcaa gagggtgtgt gtntgtgtgt gtgtgtggc 120
ccctggggtt tataagaaag gtagtccttg ctggagccgc cagtcgcgtc tctgcagaga 180
ggagtcatag caggggtggg agttaaagcc aggcaccacg gtggcagtg agtgtaatca 240
ctggggaaac atgcggattc tggggaagtg tccctcctgt tctgggtcc agcaggccca 300
g 301

<210> 2615
<211> 164
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. N66422

<400> 2615
ttttaatcat cagccatcat gtttaatgtt ccatcttata catgacactt tgtgcaggca 60
aacagcaggc ttagaatgag ttcatcagct tctgttaaaa gatccgttta atcactccac 120
atagtgtaac aatctttccc ctccagaaat ttcgtaaccc taag 164

<210> 2616
<211> 388
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. N66613

<400> 2616

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tttaaagtat ccaggcaatt ttactcatag ttctgttttag ttccagatag caacagctga 60
ttgttcaaag tgcagggttt ttggatattc aagtaccaca ggatcggaga aaaggagtac 120
ttgaaaccta gagttgcgtt ttcacttgag aagacacact ttggaaacac ctatccaaca 180
gactacaaat ataggctatt aaattaaaaa tctggtttca aaataatacc cacttaggtt 240
ggaaatatct ttctccaaac tcagatccaa cttttgaatt gtttggtatc aaaggcaaag 300
ttaagaggga cttgggttta aaaactaaaa ttaccaagtg agtgcttaaa aaaaaacca 360
ctccaacat ctttttttat ccaataag 388

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<210> 2617

<211> 422

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. N66624

<220>

<221> unsure

<222> (1) .. (422)

<223> n = a or c or g or t

<400> 2617

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atacagtggc tcaaataattt tattataaag aaaaatggaa actaaatctt cagttttctc 60
caaaagtaca caggaggcat atattccttt acttctctca ttaaagcacc atccgttcaa 120
ttcattttgc aataccaacc ccaaatttca gaacttttaa aaggtaaatt ttagcaaaag 180
ttattaatga aaataactga ggcaacatca aaatttaata gctcccaaa ttgactaatt 240
tatgttttag taggaataaa tcatagtaca taataataga agatttaata agttaaaaaat 300
atgaaggng gaaaaaccca accnaaaaaa aaaacccaac cccttaaate tggccatggg 360
ccncaaacna attttaggaa agggggaaaa aacctgtgtg cagggttaagn catttccttt 420
tt 422

```

<210> 2618

<211> 160

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. N66763

<400> 2618

```

tttttttttaa ttttctcccc aaaatagcca cattctttta tttgatgatt caatacattt 60
ttgattcaaa tagtcaccac ataacctagg cacgatatta agcattttac aagcaaaata 120
ttttactgat tttcttttaa attgccagag tacagaagta 160

```

<210> 2619

<211> 426

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. N66857

<220>

<221> unsure

<222> (1) .. (426)

<223> n = a or c or g or t

<400> 2619

```

cggtagagac aggggtcttg tatgttgccc aggctagtct caaactcctg ggctcaagca 60
gttcttgccct cagcctccca aattgctggg attacaggca tgagccacca tgactggcct 120
aaaacaaaat aaattcttaa tggcatttcg tggaatgtgt ttaagagcca aaactgtgaa 180

```

```

aatgtaagct ttatctttct tttttcctag attattttaa gaggattgta gccacacttc 240
agatgaatgt ttacaagcca aataatgatt taagagtgtg ctcaataaaa aggccatagg 300
tttaagaatt aaatggaata atataaatta ctaggtcaac aagaatattt catgtatagt 360
acactgtcta aggaatgcag agaaatttta caagaaaccc ccagactaaa tacttcntta 420
agaaca 426

```

```

<210> 2620
<211> 421
<212> DNA
<213> Homo sapiens

```

```

<220>
<223> Genbank Accession No. N66951

```

```

<400> 2620
gagttttatt taatgtcggg agcagattgg gtaataaaat gtattttgag aataagactg 60
ccttttgacc ttttagggct tagggctgta aagtgtctca gggttgctgc caaacaagtc 120
atgaactggg ctggattttt atatttgatg aaaaagagcc taaatgctat ctgatttcgg 180
ataaagaaaa aggagcatta accttgacta tgccttttagc tccagccacc tttttaagag 240
taaattgctg ggcaggaggg ggagggctag tcacggaacg aaactgtaag ccggaccagg 300
tgtgaggagg ggaggcgata aaaagattat aggggtggagg agcagaggct gaggaagaat 360
tgggacctag ctcggcctgg cgagaagcag cctgggagga agggagaggt cagatgggtc 420
t 421

```

```

<210> 2621
<211> 447
<212> DNA
<213> Homo sapiens

```

```

<220>
<223> Genbank Accession No. N67009

```

```

<400> 2621
atcaatcata tttctgtcat ctccaaccta agatattttt tagattgtct ccctattctt 60
tgattcaaaa gccattaca gaaactatga acttgacctt attctggttt ttgacaatta 120
tgagacagaa ataaagaaat cgcaagcagt tcttttcttt gcacactgac cattttttaa 180
ttacatcatc ctctatgatg atgggtgctt cacaactgca gctctcctgt atgtcaaaat 240
cattctgggt tccaggtaaa tggacaaagg agatttgcct tcagtgtcta gaaggcaatt 300
tacttttcag ctgccttaat tacctatagt ttaaagaaag gaatgccaca tataggggtc 360
tttaaacatc taaaatgggg aggttggcct ccaaggggca ccattcccaa acatttgatt 420
tcaagtccca gaagcctttc atatatg 447

```

```

<210> 2622
<211> 330
<212> DNA
<213> Homo sapiens

```

```

<220>
<223> Genbank Accession No. N67096

```

```

<400> 2622
tttttttttt tttttttttt ttcattcaatt tgaagcgctt gtgtttaatc ttgctaccca 60
atcctggact atatcgtagg tgcaatgaaa ctggggagac aggagaccgc gcttcacttt 120
cctcatcagt gaataggctg aatctcccag gggcagctctg ttggggggcac ggttggggtc 180
ttggtcagga tgcagggaag atcggggaga acgctgggtc caaactctgc tacctgggag 240
gctgagatct caaccccaca cccaccgcct tccatgggct tctcaagcaa cttgagactg 300
ctcttggtca tccgggtttt ggttgactac 330

```

```

<210> 2623
<211> 494
<212> DNA

```

<213> Homo sapiens

<220>

<223> Genbank Accession No. N67105

<220>

<221> unsure

<222> (1)..(494)

<223> n = a or c or g or t

<400> 2623

```
gaggaaatac aatagttttt tcaatatagt accacaagcc attttttctg taaaggacca 60
aatattagat actatcacaa aacattttat cactcattca aaacaagaat cattcagttg 120
ccccaggaaa aaacacactg aaattatttt agatagcata ataagctaga ggatatagaa 180
catttgaaaa acagttccaa aaaatggaat actaaagatg caacattaat tcttagtaca 240
tttgttatgg taatgaatta aagcattata gaatatattc aagtcagaaa tcctgtagta 300
tgaagacata ccttcatatg tgaaaatatt attttatatt aataataatt attctggtat 360
ttatatcaga tttatcatca gattttcttt cctggaattt attaataatt tggaccatgg 420
gaacacaaaa atattncatt cattttataa tacnttggtt ttaattatta tttagaacat 480
aatccatgg taaa 494
```

<210> 2624

<211> 418

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. N67205

<400> 2624

```
aatttttaatt caaattttta tttaatcaaa agtcaaaatg tgaatacttg attagtggaa 60
ttattgaatt ggtaaaacat acaatcaaaa gtgaattctt agaactatta ttatgtctta 120
atccaatccc actgagctat atcttgattt catattttta tcatgtctat agcttgtatc 180
ttaattgata taactcaaaa gtaccatata gacatctcaa actaaagatc accagggtgct 240
tagtttcaga gctgggttgt ctgctatgga aaatatttcc cagaatttag atgagattgg 300
gaaagatatt gccagaaga gttcctccaa aatgcccttt atatagagct caggagaatc 360
tggaataata ctgggctaga tactgcccta aggccttgta cacttaaact accacgat 418
```

<210> 2625

<211> 233

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. N67378

<400> 2625

```
tttcagtgtt acaaaacctt gtattaatca tttcccttca ctttcaatat aacgttgata 60
tgaaatatag ccatgattct tagttacatg ggaggaaatg aataataaat acattgtagc 120
aagtttaaac cacaagggtg tttcactggg taacaacatt tgaaaactgt acacttgcaa 180
agaacagcat cttcaaacat tagtatatct gtatatcagt aaagctttta cat 233
```

<210> 2626

<211> 334

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. N67815

<220>

<221> unsure
 <222> (1)..(334)
 <223> n = a or c or g or t

<400> 2626
 tttttttttt tggttaaagac ttttaagaga aagaagtatt ttaaaaaagta gcagtgtctct 60
 gaggctcagg gtgtaggatac gggggcacag ctggtcccgg gagggcccctt gtgcacaggt 120
 ggtggcccag ggcnanagtgc tcgctcttgg gggacgcgcg gccgggggac ngccatcgtn 180
 tccggcccgg ggctcccggc gggctccggc ggcagggaca atggcgaggc cgctcaccac 240
 tttaggaana ccatcccggc caggacggtn tagcccagca ccaggaagag gaccttnagc 300
 anacggtcac tcttctctc canctccttg gccca 334

<210> 2627
 <211> 478
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. N67876

<220>
 <221> unsure
 <222> (1)..(478)
 <223> n = a or c or g or t

<400> 2627
 agtcaagtac tttcttaaag aaacaatagc accacattgg catagctggg ccaaacaata 60
 aatgggaaag caaaatgtgc tacatctttt attctaagcc ttctcccaag tgcataaaat 120
 agtaacagaa accctggagc cacagagcat gagatcggtt tcatctacac aaacattgac 180
 gttccaagga gaggaaggat tctcaagggt ggacaggctt tttgtttgtt tgtttgtttt 240
 ttaataaaaat tttcaaggaa gtgatttctt ttcagtattc cattgggatcc ttagggtgaa 300
 tgtgtgtgtg tgtgtgtgtg tgtgtgtgtg tgtgtgtgtg tctgtgtatg taggggtggg 360
 gttaagagat tttcatatcc ctaagaaaga gtggattcng atggagagct gcattaactt 420
 tttcagggga actgcctcat cttaaaaagt ncaaattctg tgccgaattc ctgcagcc 478

<210> 2628
 <211> 290
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. N67893

<400> 2628
 tttttttttt tttttttggc accaaattag aacaatttta ttattttaaca taataccaat 60
 gtatatacat tatcctccca aataagaaac aatttgattc caaagttaa aatgtagttt 120
 ccaaaatgaa cccttgtaaa tttgaagaaa aagaaagaaa gccctgcaag ttacacaaat 180
 tttgatccat gactaaaata ggcaccctgt accaatcacc tttctcatat aaaaatgtat 240
 attataaata aaactttcaa aaaagatctt ggatgtttta ttgcacatca 290

<210> 2629
 <211> 393
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. N67974

<400> 2629
 attttaatta aggttttattt caatagcaaa aatgacttca agatttttgcg tgaattattt 60
 tttaaacaaa actatatgaa aaatatgtac aaatcagtca tcaatgtcat tgacattttt 120

atgaacaagt ttcaaatagaa aaatatccca tcataacaaa ggtacataaa taaataaatg 180
 ctgacaatac tggccctaaa gtctaacaca actgttagac taatcaggat accgctttct 240
 actacgtgag gagcacataa tcaatgtttc cagcaaaagg caagtactgg tttgtgtagg 300
 tttatttagg ccagttgaca gccacattat tttgaggtgt ggctacttgt ttctcttcat 360
 agtgttgaat gggcacagtg caaggcattg ggc 393

<210> 2630
 <211> 357
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. N68018

<400> 2630
 acagtttcaa tcttatattt attctcttgt ggaatgctag gtttaatgtt acagtatggg 60
 tgtcaaaagt aatgaaatgt gacaaatgtc taaatgctgc agaacagtat aattttaatt 120
 aaacaaaaca cctgttattg tacagctgag gtctcgatgg ttgttaaact gatgcctatg 180
 tgtatggcca gccacaaacc ttggggatgt ttattacctg tacatatata tacaaatata 240
 tcccatatcat atgtatgcac acaggcatgt attaatattt gcgtgaaact tataaaatta 300
 tatatacaaaa cacatacatg cacatctatc tacatatacc taccctcacc attgagt 357

<210> 2631
 <211> 457
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. N68038

<220>
 <221> unsure
 <222> (1)..(448)
 <223> n = a or c or g or t

<400> 2631
 tagtgtttcg tnggaaacaa ttatgggaag attcttaatg ttttattagt ctaaatatgg 60
 agccaattaa tcaattcatt aatacattga aaactattct gggaatattg agcataatct 120
 tactcttgta cacttggaac ataagaggaa tttttccaat taaaattaat tgactctgat 180
 ttttaaaaaa tctacttgat caggagcaca ttgctttgct ggtgtctgtg agcagctgga 240
 gatgggtggg aacggtctgt ttgcatttct tggaagaaga tcttttattc tgctgctcaa 300
 ccctgggtctc tgccttcctc tagagactgg agggcccatc cttcagtttc cctggattct 360
 gggagaatgg gcccgagcc tccccactca ggggcttggg ctggtgctcc ctctagtcca 420
 tcccagggct nggaaggac atccctgggc ggtaaaa 457

<210> 2632
 <211> 275
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. N68133

<400> 2632
 taatgagaaa ataactgtat acttgcattg aatgcctcac aatcactcta aaaccaaagc 60
 aggataataa catttaagtgt gtttaacatac acaggaaaac cagatacaga gtataatttc 120
 caaacacagt attgctgctt ttttccctc ctccccaaa aaaagaaaaa caaagaaaaa 180
 ataatttggg taaagagcaa cacaaaatca aaattggcag ctactgaat gcttaaaatt 240
 caggaaattt gttctttaac taaaatggaa tatat 275

<210> 2633

<211> 271
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. N68241

<400> 2633
tttttttttt tttttggagg ttgtaataaa aagctattta atgtttgata gacaaattga 60
agtccataaa tctccttgaa taaagatgct aaaaatgtta ttcttgtttt tttaaatagtt 120
tcgttttttac aaagttctgt acataaaaaat aaatatacag aaacaaaccc catcaactgt 180
ccacatcagt aatcctcact ggtgggctca ccattgataa ggaagacatc attcaacgca 240
acctgtcaca gagactgtcc tagcagcaag g 271

<210> 2634
<211> 477
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. N68385

<220>
<221> unsure
<222> (1) .. (477)
<223> n = a or c or g or t

<400> 2634
gaggaattaa cagtctttat tgggctcaga ccaggagtcc gtgggtcttg aggacctctg 60
tgtatttgtc aattttcttc tccacgttct tctcggcctg tttccgtagc ctcatgagct 120
gtttcttctt ccggtagtgg atcttggtct tctctttcct cttctcctcc aagggtggctg 180
tcaactggcc tggtaacttc caccacaact tcggtgaagc caggcgcccc aagataaggg 240
aaaacttttc tttggtaggg cttcaaaacg caccgaccct tgaaggggca agcaggnaac 300
caacaatccg gcttttttcc ttggtccgta agggccggtt tggaatgccg gtnaaaaaaa 360
cctttgaaga acnggtccca naagcgggcc ttgggcctcc gcttnggggt ttttggtggg 420
ggcancaata acctcggaag ggttcngcca aaaaaaaatn cgggcttggg gggccct 477

<210> 2635
<211> 439
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. N68596

<220>
<221> unsure
<222> (1) .. (439)
<223> n = a or c or g or t

<400> 2635
aggatcggat cacacattta atttcgacag taagatgtga tgtgttttgc tgggtcatta 60
tataaattgt gtttggtact aagggtcatg ttcaaaagaa cttggaagcc cttttccata 120
gcgctttatc tgtccctggc tgggtgctng agtcctttat gacagttcat gtctcatcct 180
ctttgctagc ctaccaactt cttcaagtgg cattaacatc tgaattactt ttctgtgtct 240
gcagtgatit ccataatact tttcacaggg tgggtgctta gtgaacctgt tcaagattta 300
ctttgtactt attttgctcc taagaaaatt tctaaaacat actttaaaat tatcaagtgc 360
tatttgtaat tctattttgt tcaggtaata gcaataatat gtgtaggatg gcattcatga 420
aagactgct ttttaaccc 439

<210> 2636

<211> 402
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. N68730

<220>
<221> unsure
<222> (1)..(402)
<223> n = a or c or g or t

<400> 2636
cataaagaaa agaggtttat ttgggtcatg attctggctg ctggaaagtc caagactggg 60
cagttgcatc tgggtgaggga ctcacattgc tttgacctca tgggtggacag ggggacgggg 120
agccagcatt aatatagaag agcagggatc ccctgcctga ggaggaccaa tgcaggaaaag 180
gccaaagagc agttaaaaaat cagcatcccg agagaatgca agatgttgtg accaaggtgt 240
ctaaatatca aacgcaagtc aggcggtaat gacttctcgg agggagctgg cttcggctca 300
ggcattccgg gtgggggggga ganggaaact naagacaaaa ctgtgcttct cgtaaaggtc 360
taattcagga tcttctcctt tgcccccac tcccagaccg gg 402

<210> 2637
<211> 417
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. N68871

<220>
<221> unsure
<222> (1)..(417)
<223> n = a or c or g or t

<400> 2637
aaatggctaa tcacttttaa tgcaatttca acataagaag acctaattgt aagcaatatt 60
ttaaccctc tccccaaat aaaaagacc agaacactgt aactctaatt atccttctcc 120
caacttagag aggattattc gtccagtatt ttcgttttgt tagtagactg ttcttttttt 180
cttttctttt tttagagatg gggctctcatt ttgtcaacca ggctggaatg tagtgggtgtg 240
atcatggccc gtctcagcct tgaactccta agctcaagca atctcccacc tcaatttcgt 300
gggtagctgg gcctcacagg nattatacca tcgcatctgg ctaaatTTTT tttttgtaca 360
gatgggggtc ttgtacatct cccaggccga tttcaaactc caggcctcaa gtgatcc 417

<210> 2638
<211> 408
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. N68921

<400> 2638
gaacaagtac aaatttagca attttaatca atattcttgc agacaagtgt ggatatgtat 60
atgcatatat acatatatat atcaaaattg agaatttaca aataagattt gatacattta 120
ttctagcagt gggtaagtcc atagagtaaa tttcaagtag gatataattt ttttcttttg 180
tgggtgtttt aataattcct ttctactgca taaaaaggga cctgaagctt aaattcagtt 240
agttttggag aaatccaaaa tgagaaaaac agaaagcatg tagcattcca tgaagcaaga 300
acagcgtgca tatgtatttc ctggaaatac tgaagtgtcc gaatttcatt cctaaaaagt 360
ctgggaaatc aactgaatc agttgctggt ttctgatgtc tctgggat 408

<210> 2639

<211> 440
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. N68974

<220>
 <221> unsure
 <222> (1)..(440)
 <223> n = a or c or g or t

<400> 2639
 aaatttaaatt ttttattcat ttttttgcac caaaatagtg cttaaaattg gaatttatac 60
 tcacaagaca tagctaacaat ccaaagtaga caattaaaaa atattatttg aaaattatgt 120
 acttagtact gaagacttcc taaatttgca cattagctag attgccatta gcaccattag 180
 agagttgatc tttgggctaatt gattattcag gaaaatttca accattacaa tcagttagta 240
 taattttata tttcagcaac gatagtggtt catgttcagc aacagcttca cttacaaatt 300
 aaagtaagct cacttcagtg ttgcactctg atgctgtttt tttacccctt ctcttgcaaa 360
 taaccagtga aataaaaaatt gcctctaact ggcaatcgna acaagggagg aattatggct 420
 agncaactag ttgctaataga 440

<210> 2640
 <211> 451
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. N68993

<220>
 <221> unsure
 <222> (1)..(451)
 <223> n = a or c or g or t

<400> 2640
 acacatatat gttcaattta tttttaaaag ttaaacagac tattttttaa gcaatttttag 60
 gcttacagaa aaattgatgg cgggacaagg tngctcacac ctgtaatccc agcacttttg 120
 gataacaggc gcgacactgg anactgacct tgttgctgtt tatgttaggt caggggaaggc 180
 ctacagaaaa aggtgacgtc tgaacagaga gctgaagaaa gtgaggaaga aggcacatgg 240
 acattagagg gtgggaagat aggggaagagc acaaccaga tcaagggaga agccaagtgt 300
 aaaggccctg aggggagagc nttgctncac ggnaggccag ccacgggggg ccgggggctgg 360
 agtinctaaa gatgagggca gagaagccag ttgggccggg gtctgtngg gtnacagatcn 420
 tgggtcctgt ngggctctac cantcctcc a 451

<210> 2641
 <211> 392
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. N69014

<220>
 <221> unsure
 <222> (1)..(392)
 <223> n = a or c or g or t

<400> 2641
 ctttttcggg gcaaatacac tttattcagt cctggcatca gactggcgga gtctgtctgt 60
 ggggtgccagt gccccagaca gagggacccc acccctcagc tacgagacta gttctccaag 120

```

accacagaca gtgacatctc ttcactcaca tcgacgtttt ttttttcatt gtcttttttt 180
gttggtgttg tttttcttaa aaaaaaaaaa aaaaaaata gagcgcaaga aaggcccaga 240
agccggagca ccaagcttaa aggaggcagc tgggtggcttt gtcagcgacg ggggaacgcnt 300
ggggcagaga ccttgcaaga agaccctggg caggggggtcc gggagatnct tgggggaccgt 360
ttnttttctt ggaagaatth tgtggtngtg tg                                     392

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```

<210> 2642
<211> 479
<212> DNA
<213> Homo sapiens

```

```

<220>
<223> Genbank Accession No. N69084

```

```

<220>
<221> unsure
<222> (1)..(479)
<223> n = a or c or g or t

```

```

<400> 2642
tggatgcagg aaagttttta tttttaggtg tacatcggct cagtggaatt gcatccagaa 60
aatctaagca tagatcaaag aaaacgaatg tcttttaagc attttgaggc aggaattacg 120
tgaagcagga agcaggctta cagaagcaag aacaaagtcc attaatatc ttgtgacact 180
tttgcaacat gtcttacatc tctgggaaaa cttagtatgc agcttatgct tatctgtctt 240
gtgaccttgc agctgtacaa ggagggaaga aaacacaagc ttacagagcc tacaaaatac 300
ctgaagggca gatatgggtt aatgtttctt gggactggca gttaatatcc ttctttaact 360
ctaacttcag gggggctact taaattcttt ttagccttgg ttggtacagc aattcattct 420
atgagctatt atttcnggtt actataatth taccaattat tacctaatgc naataancc 479

```

```

<210> 2643
<211> 433
<212> DNA
<213> Homo sapiens

```

```

<220>
<223> Genbank Accession No. N69114

```

```

<220>
<221> unsure
<222> (1)..(433)
<223> n = a or c or g or t

```

```

<400> 2643
cactcttctt cctgtccacc ctctgtgagt gatttaaaaa cggaaaaggt caaagcccag 60
ccaggcctac atttagagaa attttaaaaa aatttttctt ttcaattttg gcccaattatt 120
tccaattttt attttattct taaaacttaa gcatggtaaa atgttaagct gttttcatcc 180
actgatatta ttctactata aaaagccctt cttgagcaga ttgatgata aaaaggagaa 240
cattttctaag gtataattag agaagctgtt gcatgagaaa tcatgtctcc atctccattt 300
tgctatgcgt tatctgagga ttgtttctga aagagatcta tttaggcagt gtatgtatgt 360
gtcagcatgt aaaaaagtaa agaactggaa aatngacaaa ccttggtata tggcacttcc 420
aaaaccaatt gtg                                     433

```

```

<210> 2644
<211> 176
<212> DNA
<213> Homo sapiens

```

```

<220>
<223> Genbank Accession No. N69136

```

```

<220>

```

<221> unsure
 <222> (1)..(176)
 <223> n = a or c or g or t

<400> 2644
 ttttaagaatg gacatcattt tattttcattt taatttagtt ntgtttaatt ctagtttcag 60
 ttttgatgat attttgccat gcttcccaat ttttttcttt gataacaaca taattcaggg 120
 agaaagtaca aatttgccac aggttgaaca cttaatttgt gttccttaaa aaataa 176

<210> 2645
 <211> 290
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. N69216

<400> 2645
 atatttgtaa ctatgcctgt ttaatgtata aaatatttaa aagactgaat atcacaaatt 60
 aatagtagat ttttacaatc taagaatatt ttctaaatat gagctattca ggggaatgtg 120
 attagtcaat gatgtctttg atgccctgcc ccaccacaaa ccaatagggt caactctgtg 180
 actgggcaca catcaaagat tcaggcctga ctctcagctg tgggggtttgt taaaacaatg 240
 tggaaagtgt tcttttatga acaagatata atgttcaaaa aaaagggtgt 290

<210> 2646
 <211> 371
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. N69252

<220>
 <221> unsure
 <222> (1)..(371)
 <223> n = a or c or g or t

<400> 2646
 catcggggat attttttatt gtgccaaaaa gttgccatca ctgtcattaa acctgtttaa 60
 caccaaataa taaggaaaat aaaataaaaa attcgggctt ggtgcagaaa ctcaactcaa 120
 ataaattacc taccaaaata ttacataat gatggaaaata ttccaaaatt ccatattttg 180
 ggattttatac acaaaagata aaaaaattag aggccaaagag ntgccagaag tgaaaaacgg 240
 ggcctggaaa gcgtttcgtg aggaatgagc tgggcctaaa gaggcactgn aggcgggact 300
 ggggcctgca gaagcggccg aaacnngcga gctttggact ggggaggccg cagtaaggcg 360
 agactaagct g 371

<210> 2647
 <211> 437
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. N69263

<400> 2647
 ggaaaatcaa aattttttta ttaatttact ggatttccta tacctaacaa tccttaaaac 60
 aactatcaac agctgcaaca caaaccacag gcaaaatgaa aaacagatgc cccagacagc 120
 accccaccac atggcacaca cttaataagg aacaaaatcc tacaggggtg tgacataact 180
 cgctttaagc atgcaatgat tcctgcagtg ctccctggca atcaacctct ctgcaccctg 240
 gggctggata cttcaaagtc tttgttctct taacaggttt gaagtcaaca tggcaagtta 300
 aggacaagtt agatgagatc cccctagttc ataacgtgag ttcctcttg tctccaatgt 360

tcatccacaa gtacagggtc caatccccta taagagatgg gcttaagcat cccaatggg 420
 aaacagcctg gccagcc 437

<210> 2648
 <211> 374
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. N69299

<400> 2648
 gaatacaatg atgtatttct ttattttcac atacactcta gctaaaagag caagagtaca 60
 catcaacaaa aatggaaaca aggctttggc tgaaaaaac atgcatttga caaatcatgt 120
 taatagctag acaagaagaa agttagcttt gtaaaacttct acttcatttg attcagagaa 180
 acagagcatg agttttctta aaagtaacaa gaaaaggaac aaaaaaatg aggtttgaaa 240
 tcttttacca tggcaaaaca ttaacatctt tctcaaaaac atagagaaat ctggaaaaat 300
 caagaagata aaattctgga ccagttagtt gacattcttt caagcatact tgtaaaatgt 360
 ttccttaaag tggt 374

<210> 2649
 <211> 176
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. N69390

<400> 2649
 tttagagttg aatatctttg tttaaaaggt tagttatttt ttttaagtat agcgtgagaa 60
 atacaggcca ttattttcaa atatataaaa acatctccag taagttccac acagaatttt 120
 ggaaagctaa gctggactca gaggaggtct gctgctcccc aaggcactac ccttcg 176

<210> 2650
 <211> 402
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. N69879

<220>
 <221> unsure
 <222> (1) .. (402)
 <223> n = a or c or g or t

<400> 2650
 tttttttttt cccagggagc cagagcccac gagccattta ttgccatgtt ttaaaattcg 60
 tgcaaaatat ctgaagccct ggacagagaa tacaaagtga tattttccca agaaacataa 120
 aactaggaaa agaggtgggg gacattttcc caccagagct cccccacgc caggcccaa 180
 gcaggggtgag gcctccaacc cggccagctg agcagggang gactaagagc tacaatctgg 240
 accaggggaag gaggggtgga atttgcaaca gcgtctcaac taccaacgag aggaaagcca 300
 gtcaactgta caagtctcct atcaactttt taaaaaaaaga gaaaagctgt aaaagtcagg 360
 ccctgtggtn agggagcggc caagtcccca gccagggccg ga 402

<210> 2651
 <211> 458
 <212> DNA
 <213> Homo sapiens

<220>

<223> Genbank Accession No. N69983

<220>

<221> unsure

<222> (1)..(458)

<223> n = a or c or g or t

<400> 2651

```
tcccaacaaa acgcaagggt gttctgctct ttactaaata aacgttcctt tcccagaaac 60
cagcccaaaa ctcatcactg ttcaaataatg tggcaagggt aggctctctg tcccccttta 120
ccaggagcac ggatgggtgc tgcaaggcag tgcctctcga gtcgtcaggg agatggcccc 180
tcaggctccc aaacctgcca aatacaggac tgtgagcggc tcgggagggg tctcctttgc 240
tctccatcca gcgggtcagc gggtccttgc gggggagaaa gagccaaaca gccgcctttc 300
ccttctgggtc acagcacgag ccaggttcca ggcagagggt gtggcaaaca ttgtcatcgc 360
cccatgggtga aactgggcac ttctctctcc tctctgttcc cagatgnctc cgnagaactg 420
ctggaccctt gctccttggg ctgaccgggt ccttcttg 458
```

<210> 2652

<211> 435

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. N70005

<220>

<221> unsure

<222> (1)..(435)

<223> n = a or c or g or t

<400> 2652

```
ttttcggata aggtctgtgt ttattacatg cataattaca aatctgtgtt aagtgaaaat 60
gtataaagca atggcgacct gggtttaagc cacacagaga aagggtctga caatccatta 120
acccttctgc caatgtccat tccattgctt ttaacatgat tgtttccatt tcttacaatt 180
tgcatagcac ttacttgtca acttgctttg aattcattgt ctacgtttat cctcacaaca 240
accctgtgag gtaggtaggg caattaacac tatccccatt ttgcagatgg gaacactgag 300
gcacagagcg gttaagatct cgaggctagt tagtagaagc atagggaata gaaatcaggt 360
ctcctaactc cccagtcacac atcttccctt ttagactang ttgttccgca tgactaggga 420
gtagaataaaa gcgag 435
```

<210> 2653

<211> 435

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. N70057

<400> 2653

```
tttgggtgga aggggtgagc atgtgttttt tttattttta tttttaaaaa atttaaaaaa 60
ttccctattc aaaggtcaaa aagccacata agttttgatg atgatcaatt tgaacggagg 120
ctcgagatgg actgagagga ctgagacaca gaagtggggg gaccatgggt tttactggct 180
ggaccacagg gggaccctgt ccaccgcctt gggttgacgg aagggtgtctg ggggtgctcag 240
gtgggtttgt tctcagcaat gcacggcata cgctcagctct tggatcctcc ttgggtgcctc 300
tcttgtctct gccctgagg tcaggtcctt cacttgctgg gcaactggcag cctctcttcg 360
atgcagccaa cacaggcagg cggacagaag gaccactgcc agaagcagga gcccgcccg 420
ccccaggccc ccgta 435
```

<210> 2654

<211> 469

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. N70305

<220>

<221> unsure

<222> (1)..(469)

<223> n = a or c or g or t

<400> 2654

```
atgattaatt tgtttttcttt attgcaaaaa aaaagaaaaa agaaaaaaac atttgttcaa 60
aagctacctc aaaagtcttc ctaccaaaca tgatttggca atctttttgc atgattagta 120
tgatggcagt aggagctttg ttttaataagc aaacatgatg aaaattccaa aagggtgctat 180
gcaaaagatc agaaggaaga tgtttttcct gagaccctct gccaaactgtt acttctgatg 240
cctttcctgc ttcttgaaca aggcttaaga cagcttctct gttccatttc tgaccactat 300
gtggcaccag aactttgaag taggaaatag aaaaaaatc tgcttaacta gtgatttgct 360
gtgaatcttt aatcaatgcc tcttaaaaat aattcattta tggccgggcg cagtggggaa 420
aagcagggtta aaaacatgc agatcactct tgnccactac tgtggtccc 469
```

<210> 2655

<211> 500

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. N70330

<400> 2655

```
ctgttctcaa ctttggtaaa agagagatct tgtgtctcac tggaggggtgc accaagcttc 60
aggcaagaaa ctgtgagctg gctgtcaaca gaatatgggt cttatcaagg ttcttattaa 120
tgctgtgcaa acaaggggtct cgtcatttca gtaactatgt gtacatttat aaaagcaata 180
cagtcattggg aaaaaccaac aagcacagct tggtagaata acctgccatg aaatatcatc 240
ggctttataa taatttactc caactgttct ttttattcac actggatagg aaatgcttcc 300
atctaacaca tgggaatacga atatacaca cacaatttg gctttaataa aaaaaaaca 360
gttcaaaagg acaataacac gggggctgga aaacaataat tttgtggcag tttcctgatt 420
cataatcaca tgtctcctgc ctttttacag ggaatggaca caagtattga tggattttgt 480
aaaccagttt aaaacatttt 500
```

<210> 2656

<211> 444

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. N70358

<220>

<221> unsure

<222> (1)..(435)

<223> n = a or c or g or t

<400> 2656

```
ccaagaaaat aaatttatta aactttgaag gaaaaaatcc acagacataa agagagttaa 60
atataaactg ccagacacaa ctagtcatat tagtgaataa tggcttatgt ggccaccaa 120
gtaccaaaat gacattctga gactgattga ggtatttagc tatttttggc tatagaaatg 180
ttgtcaggct gttgtgaaat agtaagatag tcttccaaac acacagcttt gaattgaatt 240
aggttttaca ctgatgatac tttatatgaa actaaattat gtagctcttg gagaaaacca 300
tagcagcaaa gtagcagaaa atctatcaaa catctattac aaataacatg ttgaacttta 360
aacactcaat tctagctttt catagtcctt cctgcaagag agagaattta aaattatcag 420
ccattaagct tgcntcctaa aaaa 444
```

<210> 2657
 <211> 442
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. N70481

<400> 2657
 gaatcaaagg ctttatcttt aagaaagcag atttagagaa tcagaatttt cttccatttt 60
 ggttctatta agaaaagtat accaaattaa aaattaagaa ctatttttta atagataata 120
 catgtacatg gtacaaaatt caaaaggtag aaaagggtgta cattgaaaag tcattcccac 180
 ccctcttccc agaggcaatt caggctgccg ggctgctaga taccctccca gagacatcct 240
 aggcatatgc aggtggacat atgatataca cgtgtatacg tctgtgtgaa aacatatgca 300
 cacacataca tctacacact ttctccattc caaacattag gataccatgg gcttttttcc 360
 tcaacttaatc atggcatctt ggggcccatt ctatggtagt acacacacac aggatccatt 420
 ggttttaaat ttctacaaac ta 442

<210> 2658
 <211> 446
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. N70577

<400> 2658
 tccaggagaa tgactcagtt tattattctc aatttgaccc tatgtatccc actgtaggct 60
 caaacactgc acagagctgc cacgtctaac ctcgtaacaa ctgcgtccct ggaagggtgaa 120
 gggggtaaac cacaaagtca gaaacttttg gaaaagccac ggctgcatgc acacctctca 180
 aacaaggaaa caaactacaa gaaagggctc agtcattgta cacagcaagt gtgcagtggg 240
 caaagttctg ttcttttgac attggccaaa tgcgtaagtc cctggtttct tgggctcaat 300
 cacggtccaa ggtagtaag aaggccaaca atgttgtgag caggattcaa tttctacagg 360
 gtcattggggc atcatccacc atgtgaaggg gctccagcag gttggacatg atcaataccc 420
 atccagatta ggacctgac gccctt 446

<210> 2659
 <211> 221
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. N70678

<220>
 <221> unsure
 <222> (1)..(221)
 <223> n = a or c or g or t

<400> 2659
 tccacaattg cttaaaatat ttatttaaag gaagaatata atttaacaaa aaagtgttta 60
 ttaaaagggg aaatatatag taatatgttt aaggcacatg gcaaactttt ggcattaaat 120
 tgcaagaaaa aagaaatata aattatcaca ataaatttca gaatctgttt ctttagtcca 180
 aatagttttt ttaaaaaagt ctgaacagca gcagcngttc c 221

<210> 2660
 <211> 318
 <212> DNA
 <213> Homo sapiens

<220>
<223> Genbank Accession No. N70861

<220>
<221> unsure
<222> (1)..(318)
<223> n = a or c or g or t

<400> 2660
agctttttaa aatataatattt aaaactattt tgtaccagta caatatatta attttacaaa 60
tgtaaaaattt ttatcagctg ttaaagcatt tgcaaaaacc acacattcta cttcagcttt 120
attgcacaat atctataaga naatattaat ttttaaatta gaaaacataa aaatgctttc 180
aatatagaag agacaatctg atttttaaaga caatactcta taagaatgtc tactcagaaa 240
ataacaaact ttcacaggat accagctggg cagatgcttc ggcagatccg gtacaaagca 300
ctgttttaaaa ccagtcca 318

<210> 2661
<211> 279
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. N70903

<220>
<221> unsure
<222> (1)..(279)
<223> n = a or c or g or t

<400> 2661
aacatcgcat ggcagatggg tggttgaata attactttct ccacaatcta tcattttaat 60
agttttataat agtgcagttc atggaaacat gccaaagtcca acaaaagcac aacagattag 120
attacagtca gattgagaag actgggtgtg cgttggcaga tagacgtgct ggacatgctc 180
cacacgcgac ctgcagacgg gacatgactg ggaaaganaa gccaacagtc tctgttagca 240
tgcaagcctc ggtggggggc ctgtgtctct gtgcacacc 279

<210> 2662
<211> 443
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. N70966

<400> 2662
aggtttagaac ttctgaagtt taattctaca gcacttgtga gcatttattt ctcttttggg 60
tcacaaaact tggaatggga tttgggtatt tgagtaatgg gttaaacata tatattgatt 120
agttcaggaa ttgagtgact ttaagatcgc ttatcagaca ctttttagaga tcccagcaag 180
aggcagattc ggttttctggt ttcatagagt ttacagtcac tgaacaagtc tttaaaataa 240
gtagcaaatt ctaagttggg gataggtgag gcttcttggg tagacaccct gtctgtgttc 300
ccggccaaga cttgatgatt ctgatagatg tactggaaat gctggagaaa gactcaggca 360
agactggtgt ttttgctgct ctctctagtt taccacactg ggctttcaga attgccttgg 420
ggaccagaat ccagggccac cag 443

<210> 2663
<211> 470
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. N71072

<220>
 <221> unsure
 <222> (1)..(470)
 <223> n = a or c or g or t

<400> 2663
 ttttggagag aaggataagc aattttattaa cccacgccc ctagcaccag ctgtcacctt 60
 ggacttggtg gagatgcagg ggctagaaag gaaatgacag agtgtagagg ccccttcgac 120
 cccgtgtccc ataggtnngt tggcccccag acacaccctc tctgctggca gtgcagaaca 180
 tgcaccccaa taccctagag gagaaacacc accccaggga gagccctttc tgctccaacc 240
 tcctgggcag gtcccagggt ggggcagcag caatctgcag gtgtttgtca ggcctggcca 300
 cacattgcgg acagaggata cgactggggt accctagggt gtggggaggg tcggcctggg 360
 gtcagggggc atgaaggctg tgttccagac tcctcctgcc cccaatcctc tgtgcccctg 420
 ctggagctct cctagcttct ctgatctgtg ctctctgtct tgggggaagc 470

<210> 2664
 <211> 359
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. N71542

<400> 2664
 gaatggacaa taagctttta ttgcattgaa aggtcattgc agtgaaagggt tggggattgc 60
 ttgctgtac agctgaatgg attctattct gaccaataca cacagaaaga gatcacagac 120
 tccctacctt agaagaagg aggtggtaga tgaaatgaac tgtatgaaga gccactagcc 180
 tggcccacac acagaagaag gactggcccc tcttcttgaa gcccatgctc tggtagaggg 240
 ccatagcaga gagctggatg gtgccggtgt ccaggataac ttcactgtag ccctgggtccc 300
 gggcaaaactt ggaggacagt ccttgaccag ggcttttgct atcccccgac gacagggggc 359

<210> 2665
 <211> 427
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. N71781

<400> 2665
 gacatccttt gtatgtttac tataataaca gcaaaatttt tccaaaccag agccaatttc 60
 cttggctcta ggtacacccc ttccaagcaa tgcaaaggac atctccaatc atgacattta 120
 agacaattct ttattttctct gacagtgcac tcttgaagtg cacatataat aaataaatag 180
 aaaatatatc ttgtttcatg gtgatgccta caagaaatgt ttacatacaa acactctgta 240
 catctaactc ccgaaaaagg accagctatt tcggcaacag aaaaaagaca agcatttcag 300
 aggagcggtt ctttttccta aagacctaac tcacttaagt ctttaccaaa cagaaataac 360
 aaggaggagc aatttttcta gcaataagaa aatttgtggc taccaaggaa aatgcctaga 420
 tattggg 427

<210> 2666
 <211> 248
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. N71935

<400> 2666
 atattttcat ttttcacact aatttactga agccattttc tttgggttagc tttagaatta 60
 tctttcttta tactaaccag cttagcatgt aataattctt gcccatgtga ctacaaaaca 120

```
ttagatatct ccacaaataa aaacgagatt caccaacaca aatattcctt ctctttaagt 180
tcacaaaatg caagaagaaa agaaaaatga tgtaggttg tcagtaagga aagcatttct 240
agatgaga 248
```

```
<210> 2667
<211> 507
<212> DNA
<213> Homo sapiens
```

```
<220>
<223> Genbank Accession No. N72116
```

```
<220>
<221> unsure
<222> (1)..(507)
<223> n = a or c or g or t
```

```
<400> 2667
ggatttttta aaaagtttta ttgaaatgta gtaagttcta aaataaggca gagaggcat 60
atatttaatg ctgaaagggg aaagtgatgc tcaaagtcac acaaaggctg caggatttgc 120
tgactcaaca cttttggggc tagaaagaaa tgaggagtga gctggatgca gtggttcacg 180
cctataatct cagcactttg ggaggccaag gccagcagat tacttgagct catgagttca 240
acaccagcct gggcaacatg gtgaaatccc gtctctacaa aaaatacaaa aattagctgg 300
gtgtggtggt gtgtgcctgc agtcccagct atttgggatg ctgaagtggg aggatggctt 360
aagcccaggt ggcagaagtt gcagtngagc tgagatcaca ccaactgcact ccagcctggg 420
caacagagca agaccctgtc ttaacaacaa aaaacgcngg gtgcagtggc tcacacctgt 480
aatcccagca ctttggaag ctgaggc 507
```

```
<210> 2668
<211> 449
<212> DNA
<213> Homo sapiens
```

```
<220>
<223> Genbank Accession No. N72200
```

```
<220>
<221> unsure
<222> (1)..(449)
<223> n = a or c or g or t
```

```
<400> 2668
gtttaaaacc aagctactgc agcttcaagt attttgcatt acatagaata ttttttataa 60
attagttaat gttatatattt caatattcag acatatacta taatatatat acagtacaat 120
aaatgctctc attctttttt taattttttt ggataaatcc ctgagaatgt atgttgacag 180
tcgctaagtt tocacatgca caagcatcgt gtgccatgct tctggacgaa cagcactgca 240
aagccacatg ggtcagccct ttttactatt agtatttcat tttgttggtt tgtttaaata 300
tgctgaaaat gtaaagatga gttacaaagg agtaaagctg aatccattcg gggactttat 360
cacaggatgg gagngttttg ggttnggttt tnaaagccat tccaattaat ttttttttgg 420
aaggcctntt gaccgtttac cggaaacng 449
```

```
<210> 2669
<211> 483
<212> DNA
<213> Homo sapiens
```

```
<220>
<223> Genbank Accession No. N72259
```

```
<220>
<221> unsure
```

<222> (1)..(483)

<223> n = a or c or g or t

<400> 2669

```
gtaaatgtat ccatatataa tcatcgacat gacagatgag gaaacccatg aagtttccca 60
ctagtcagat atacattttc acttcatcag aagcacctga tatctacagc taatttataa 120
ttagatactg tttcaatgaa accaaaatga gccctacaag ttcctataaa caaaagcttc 180
caatgtacta ggacagtcag taattaatgc atcattcaga ggattatggc tgttccctaa 240
gaagtgcaag ttcaaacctg tcaacaccag aggtaatcat tttatattaa tttatacgta 300
ataccattta aaatctttat ctggagtata acatatggaa aacagtcttt ccacaagcaa 360
aaatgtggga accattttaa aaattaagga gtcatttttt aaaagtaacg gatcagattc 420
cacaggctac tctnggacag gatctggcng gatagaatcc cttcatttgg tggcttttgg 480
cag 483
```

<210> 2670

<211> 292

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. N72695

<220>

<221> unsure

<222> (1)..(292)

<223> n = a or c or g or t

<400> 2670

```
tgtgcttttg acactttatc cgtttttatt taaaaacatg ctaaaaaacat ggtgttccat 60
aaagccagga ccaggatgaa ggaacgcaca gatacggcaa tgcaagcaga aagtgcattc 120
gaaaccaaca agcgtgctca ccctgctctc cctcccggtg tgcccggggg angcaagggtg 180
ggcaaggagg gggcaggaag ccccatggc ctcacctcct gagtcccca tccagggcagg 240
gaggccaggc cccaccctgg actattgact cactgcagtg gggaggagga aa 292
```

<210> 2671

<211> 413

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. N73278

<220>

<221> unsure

<222> (1)..(413)

<223> n = a or c or g or t

<400> 2671

```
tgaagactta ctttctgtta atacttagat tacttaaaaag caacaggctt gttatttgat 60
cataataaaa tgttttaaca aagctactgg tgcaaagggt gagaagggtg cttaaattca 120
cattctaaaa cacattataa ctngaaataa ctgaaatata cactatataa aaaacattat 180
aactgaaata tacagaaatc actcgaatat attatcctac tgactcattc cttctgttta 240
ttactgtatt gccacattgg agttccatat ttccagctat tctttctacg gtacaaatgg 300
ttccacacta ccaaagagaa aagaaaagct cactgagctt taaccctgag agaactcaga 360
gaaaaatacc cctggtggcn ggtatcncac agggttatac ccgggaaaag gaa 413
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<210> 2672

<211> 486

<212> DNA

<213> Homo sapiens

<220>
<223> Genbank Accession No. N73461

<220>
<221> unsure
<222> (1)..(486)
<223> n = a or c or g or t

<400> 2672
aacgaagaag tgagtatttt attattttgc tgtacagctg ttgcttcact atataaaaaac 60
agcaccagca aatgcagtg attgcaaaat taagatagtg ttgttcttca tctgacactg 120
tacaagcaac aaaaacttct tcaactcccag ttattttccaa tcggaaagat cattaagtat 180
ttcatcccaa atccaggtat ggacatacac aagttacaat attatataag gcttaagaat 240
aacaacatta tctttgaatt atgtaatttt tgtaactaat ttttaccatg gataatttca 300
tggataattt catgaatact agagcctagt ctaaaaatca taggatgttg tgaaaaagac 360
acatattatg tttatctaca atcattagaa agttaaagg catcttcttt cattagcagt 420
gttaacagta gttttttttt cccatgggga atgcnaaaag ttgcnattcc aagtcctcna 480
tccacg 486

<210> 2673
<211> 466
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. N73468

<220>
<221> unsure
<222> (1)..(466)
<223> n = a or c or g or t

<400> 2673
tctccattca attcatattt aatagaccac catctcttct gccttcatca ggaaaaaaac 60
aaaaacataa acaaaatagt atctgcctat gattaatagt atttaattac acgcactttt 120
gtttgagttt acttccttgc tttctgaaaa aaacataggt atttagacac tagttcatga 180
tgataaaatt aaaatttagt tttacaaaca aaaattgaaa ctgtcatttg taggaaaaaa 240
attcaaattt aaaattgtta tttttcacta ttcttagata gcaagagaag taagaatttc 300
tttactngng atttatatca caacagaatt ttttccttga caaaggacct tttaaaaatc 360
ccaggaaagg accacaaaat aatcaaagac tgcacattgt aaataaaaacc cttcagctgt 420
tattgaaaca taagtataat tacacacaag gaaaagggtat tataag 466

<210> 2674
<211> 219
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. N73543

<400> 2674
cctcattgta tatttttatat cttatagaac tttcattaat gaatcatagg aatataaccag 60
ctcttcaaaa attaagacat tatacaaagt gaaatactaa aaacagaaat atgtgttttt 120
ctcaaataat atgtcttctca ggaaagactt tacagaaaca tctcttctta tccgaaatta 180
catccaaacc ctttttttgt gtgaagtgtt gcttccagt 219

<210> 2675
<211> 450
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. N73561

<400> 2675
tatcattgac ctttgagggtg cactattaaa ttgctcagtc cattaaaata acggattgct 60
gatttaaaaa ctggttcctt gcttagcttc agcaaaacag caaagtctac cacattaaat 120
gtatattgtt tatttgattt ttattcgact ttgttgctt attttaacta ctttaattgca 180
aatctgtctt ggggttaaca ctgtgtaaga gttttaaagc ataagaagtc tgtacttaga 240
gtttagatgt acgttttata tttgtacatg ttgatgtaac attttaataa taataattca 300
ggtctgctgg gcatggtggc tcatgcctgt aatcccagca ctttgggagg ctgaggcggg 360
cggctcacct gaggtcgaga gttcaagacc agcctggacc aacatgggag aaaccctggt 420
ctctactaaa aatggtaaaa ttaagccagg 450

<210> 2676
<211> 129
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. N73705

<400> 2676
gagataatta ggaaagaaga tttattgttt acccttgcag tgtttatggg gggaaaaggt 60
atttacagaa ttactgttgc tagcgagaat atacagtaaa gtttaaaaca ttttggagaa 120
ttgaatttg 129

<210> 2677
<211> 381
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. N73762

<220>
<221> unsure
<222> (1)..(381)
<223> n = a or c or g or t

<400> 2677
tccaattaaa tcttttcttt ttttttatga aaaaagatca cacagaattt gccaaacaaac 60
aaaattccaa aagaaacata aaaaaaaaaa accaataatt ccccaaaaaa acaaacccaa 120
agtctggctt ttccttccct caagattgtc tggttgaggc cttggtttcc cttgaaggct 180
tggggcctgg ttaagtgtt tctggggggc aaggnggan ccctggggct tgggcccggc 240
cctgcctctc cctcttctct ccctaacaaa cacttctcta tcctgggggg tgagtacagt 300
acacttggcg ggggtgggcg ggggtttgct ggggactggg naggccggtg aanccggtg 360
ctagaaactn taatctaaca g 381

<210> 2678
<211> 165
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. N73808

<400> 2678
ctctttgagt aactttattt tggaggagtt ccataagcat taggaacata cataaaatga 60
cacaccactg ttgacaatga aaaaaaaaac agcatttgat attttccagc tttttaagtt 120
aaaaaatgat tcagttaaaa caaaacaaaa gtttagatat ttttag 165

<210> 2679
<211> 326
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. N73846

<220>
<221> unsure
<222> (1) .. (326)
<223> n = a or c or g or t

<400> 2679
aacattcatc atgtgattta ttccttaca tttacacaca ttattttact taatcttgat 60
gcaaccgtga ttatccttat tttgagaggg ccagagaggt tacataactt atccaaacca 120
aggtcaccgc ctcaataaga cagcagantc agatttgaac gctgactcca aaatccaggt 180
tggtgaatgc tgcacgggtcc tgccttcctg cggtgacact aatttactcc atctaagttc 240
ccatcatctc ctggtcagaa atccctgggn aaaactgagg gcanagggaa cctgcaggtt 300
taccagaggg aatcttgggn aggtct 326

<210> 2680
<211> 229
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. N73865

<220>
<221> unsure
<222> (1) .. (229)
<223> n = a or c or g or t

<400> 2680
ttagtgcaat tcctacattg agtactagat aanaatactg agggccattt tgcgggtcaa 60
tcaaaagcaa caaagaacag atgtccattt aactaatata tggagagaga gaattttcca 120
ctcactcagt gtactacagt tgtacctgta atattccact tggtgccagg ctctatagaa 180
accatcnaga gactgttccc cctntggcna ataaangggg tttaccgga 229

<210> 2681
<211> 386
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. N73883

<220>
<221> unsure
<222> (1) .. (386)
<223> n = a or c or g or t

<400> 2681
aatgttctaa aaagtacact ttattaaatg tgagaagcnt actggcaact gaaacatggg 60
ccagcagaaa gtcattgcct cccaaatggc tggactcccc acaatttcac tcatgaatat 120
aactatcagg tccaggaatt gcagggtttg cttgcatttt agtctttaag ctaagaactg 180
aatttccagg caaatgtgtc ttggttgggg agagcagtct taaatgaaga gtagctttca 240
aaccactcca tgtctttttt caaatttcct caaaggatag gactcacttt ccagctgtag 300
aaaaatggtc ccntttctct gcttgtgggtg tccaactgtt ggaagaacga tgagtcacgc 360
tgactcgnag actttgacat cctgaa 386

<210> 2682
<211> 149
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. N73988

<400> 2682
tttcacacgc acaacttggg aatttaattc tcacttttcc tcccataaat atagagttag 60
ggtgtgatac cagccccagc ccagtctcct tggggctctg atctctgctt cctggcagcc 120
tcttgagtcg acttggggat ttgacgtca 149

<210> 2683
<211> 147
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. N74018

<220>
<221> unsure
<222> (1)..(147)
<223> n = a or c or g or t

<400> 2683
ttgacaattt taaattataa tttttattcc tcagtcacca ctgctaattc ttcaatttat 60
ttcaaagtaa cttctgggtt ttattacatt tggaagataa agcaacttat cacatgtagg 120
ttacaactta aaattcgtgn attgang 147

<210> 2684
<211> 141
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. N74025

<400> 2684
tagcctgata tattttaata attctgttat tagtttactg catcttataa cattttcttt 60
tgaatcaagt cacagccgtg tgtactttag gctgtggcat cataaacaaa tatgtaaaga 120
cacagagtta aaatagatga a 141

<210> 2685
<211> 391
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. N74422

<400> 2685
actcataaaa cttgtgttta ttgaatttca gcctctgtgg cttcttcaat aaaatgttgg 60
ctcccatgcc ttcaactcct ctttgggcat gagaccagtg gggtggagga tggggagtgt 120
gggggttggg atgacatgca ttgccttgca ggggtgcctcg gaggtagcag ggccagccat 180
gagaacaaaa agctctgttc tttttgtccc ttgggcctgg cattggcagt cctagcacca 240
cacagtggac aagcatgccc accaagcccc attggtacca cgaagtctca tatgctagtc 300
ctttcttttag caccatctct agaagaagca gaagcacctt attcagtaac tcatttgagc 360
atggcaacag atcctatggt agggcctccc a 391

<210> 2686
 <211> 436
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. N74558

<220>
 <221> unsure
 <222> (1)..(436)
 <223> n = a or c or g or t

<400> 2686
 ttgtctgtaa tacacaaaag ttttattttt gactttcttc ttttctgaag gcaaaataaa 60
 atagaactga acatcagtgatg attttgtaca acaaaaacag cttttaatat ggaatagtcc 120
 atgaacattt taaaatctcg gaatggcttc ctttttcaa agtcatgctt tcttgcggtc 180
 cacaaggagt tggcacagag gagatgggtg cagcggcggg tgagggtgagt ggaggacagg 240
 gcttctctca gatccgtgtt agctgggtgc acagactgga tgggaggatg ctctccactt 300
 ttctccatga caaagttaa gggggcaaac aaagtgtgta ggaaagcatt tgccaagacc 360
 cccataagtt ccgggaactg atgtgtcagg agggccagca tgctgttgaa ggaacataat 420
 ccagcagtaa agagaa 436

<210> 2687
 <211> 496
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. N74624

<220>
 <221> unsure
 <222> (1)..(496)
 <223> n = a or c or g or t

<400> 2687
 tgatttcaag agctccattt ttcttaaatc aaagtgtgac tatatagggg cctgagatta 60
 aggtgtgagc ctacagaaag gggttcaaag cacctacttg gtatatgtta gtgaaatcga 120
 tagatcagaa gcacaaaaag agtattttatc attccacatg gtctgaaaca agacacaaag 180
 ctagaagtcc cccatataaa ggtttggggg taaagcattt ctatgtctgt gccacaag 240
 agaacttcca agtatagcca tggccatagg gtgtgactgg taaaagatct gggcatcttg 300
 gattcaaaga tcttatcatt gctcacagaa agcccttgta catgtctggg ctttgggcca 360
 gggcagggtta gccctaacca tccaacaacc ttctaatca tcaccaggta aactngggaa 420
 atttatcccc tnggggatag accccagagt gcctcntagg gggagagatg ggtaggagg 480
 ccnaataccc cagggg 496

<210> 2688
 <211> 170
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. N75072

<400> 2688
 atcaaaatgc atcttgttta ttggctttt gaaactgtta taacacaact tataacattg 60
 gaaatacatt attttattaa tacaaagtag ttttcatagt aaaataccaa attaattaaa 120
 aggcagaatg aaacgtacca tatacatgta gacgacaaat gaaaactgtc 170

<210> 2689
<211> 539
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. N75120

<220>
<221> unsure
<222> (1)..(539)
<223> n = a or c or g or t

<400> 2689
ggcgtcccct ctgaattcta aacagctaata tctagacact aacatctggn tcttataatt 60
taccggtctg gtatggacat gaacagttcc agtgcctttc aacttatccc tgaatttttc 120
tcttctcaaa gttctaggca gtaattttta tgccctcaaa ttagataaag ctgattactt 180
agagcttata aattagctac actttatgac actaagaata gagctatgac ttatgcatat 240
catacctgtc aagctaccta gcaccacgaa tagaactaat attaattggat ggactaatac 300
aaggatctaa tatatgtcag tgatagtctt aaaaacaccg atttggtatt ttccttatat 360
ataatccaaa ttcctttcta tccttctggc aatgtttcta ctgcctgact accttaata 420
actatatagt gncaatttct tgcttgggcc gggtggtggc tcatgctggt agtcccagca 480
tattgggagg antgcttgag ccangagttc gagatcagcc tgggcaacat ggtgaacng 539

<210> 2690
<211> 286
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. N75203

<220>
<221> unsure
<222> (1)..(277)
<223> n = a or c or g or t

<400> 2690
ctaaaaagga ctattatcag tttccaaata caatacttct ctcttctggt ttttctgaa 60
tgagcctgat tttgttgctg gttttcatca tctatgaggg taaaacgagt acccttaaaa 120
tcctgtggc cagtttgaac acccctgttg tattcttttc tctgttcagt gtgtcagcta 180
ttttgtgaag atgcttagat gtatagtttt nataaccaca gttttaaatc tttaatctgt 240
gcataataaa aagatatata tcagttaaaa aaaaaaaaaa aaaaaa 286

<210> 2691
<211> 177
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. N75541

<400> 2691
tgcaaaatct gttatcagct ttattaggga aaacatcagg tctctttaca cggtgaacag 60
gaactgctgg ttaacaagac acgattaact tgctaggaat ggacaaggac agcgacagga 120
tgggtgttca cagtgcctcc tgctgatggc acctcatc tggctgcaga attctcc 177

<210> 2692
<211> 212
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. N75870

<400> 2692
tcagcactga tggaaaatac cagtgttggg ttttttttta gttgccaca gttgtatgtt 60
tgctgattat ttatgacctg aactgattat ttatgacctg aaataatata tttcttcttc 120
taagaagaca ttttgtttaca taaggatgac tttttttatac aatggaataa attatggcat 180
ttctattgaa aaaaaaaaaa aaaaaaaaaa aa 212

<210> 2693
<211> 241
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. N76012

<400> 2693
taaaaggtaa atcatttttta ttgccacaaa ttgataaatt gttgtgaaaa aaagagaaac 60
tggcacacat gaaataacac aaacataaga agatataaga ccaaaataga tttgaattat 120
gtctcccagg ctggattgca gtggggcgat ctcagctcac tgcaacctct gcctcccagg 180
ttcaagcaat tctcatgcct cagcctccaa gtagctggga ttacaggcat gcaccaccat 240
g 241

<210> 2694
<211> 175
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. N76086

<400> 2694
taaaacaggc ttacttttcaa catccattta caaacatttg ttgaaaaata ttttaggagt 60
atttgtttta acattatttc gaatttactg ctccataaag cctagtgaat atttaaattc 120
ttgaatatgt tgccagaaaa agaagcagag atccaaaaaac aagtatatga ccaga 175

<210> 2695
<211> 481
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. N77326

<220>
<221> unsure
<222> (1)..(481)
<223> n = a or c or g or t

<400> 2695
gaggagccaa tccttcttgg cagtctggcc catcagatct acaggatgat gtgtgcaaag 60
ggctactcaa agaaagactt ctcacccgtg ttccagttcc tacgagagga ggagaccttc 120
tgagtgtgcc ctttggcacg gacactgttg ggaaccaaac tctgtcttgg agcctccttt 180
tagctcactc cacaagtaaa tgganttaat caaaggtcac ctatctgctt ttgattgtct 240
aggtcacagt aatccctagg atttttcacc gcttattctt tttgtctttt taacaaacat 300
attatccgaa ttttttttct gcaagccact gatagtctct gctaactagc ttaattgacc 360
tttttacaaa gtttgatccc caagcatcct caactaaatc attgaatact tcaatcagga 420
tattatctgc tttactttac aaataaaacc aaatcttttg tcaacaggat gaaacccatc 480
g 481

<210> 2696
 <211> 520
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. N77606

<400> 2696
 gcgcttaggg gcttggacta ctgggtatag gacttgctct agctctcagg tcctagccca 60
 agctcaatgc aaacacagcc cctccgggtca tctgtttctg tgaggttctg gaatcccttc 120
 ctctgtgtcc gtgagtctga cagaatcgat gatgttccct tagagctggg aaattccatg 180
 tgtttattca cggaggggaac tcaccattac ctccctgtgc ttctttgcct gccttggaga 240
 aatccagagt cttcggaatg gcaaaggcag ctccctggatt tccctggagg gacggcacta 300
 gctgagggaa gtagctccct tcattcatga tgcacagttt acgcagcaga cacacaactg 360
 cgcctactaa tttgctcggg gccctgcaag gtggctgcct aactttgatt tgtaatttc 420
 aagctctctc caggatagtg ccaaatgggt caatgggaaa cctgttttgc tgggggggct 480
 ctaagatcac tggctccaga actcccgggc tgcaagggtg 520

<210> 2697
 <211> 329
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. N77947

<220>
 <221> unsure
 <222> (1)..(329)
 <223> n = a or c or g or t

<400> 2697
 gctgctgcat cggttttatt cctcatgggt agatgaacac aacttggtat atggggaaat 60
 cctcaccgcg cctccgctgc tcttctggag gtctgtcctc ttgctttcct cctctgcccc 120
 agcctgggtg tgccccaagc cctgccctgg caaagagaga actgtgcaca gcggggaggc 180
 tctccaagcc agagnctcgc acgcagctga ggaatgacgc aggggcctgc aggaagctca 240
 cgcggagaca ggtctgtggg gccccgcgtc agaaccact tcacatocca aaagnccan 300
 ctgcttttga tctttcaatg ntgggggttc 329

<210> 2698
 <211> 456
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. N78850

<220>
 <221> unsure
 <222> (1)..(456)
 <223> n = a or c or g or t

<400> 2698
 aggaataatt ctcttcttta ttactgttta cttgtagggg gaaaaacat tttcatttaa 60
 gaaagtccct ggtgaagtag taaaaatatg aattttatta aatctcagcc ttgagtacaa 120
 gtcttgtcgt tgactgtact tacaagtttt gtctcccca aagcatatgg cgtcaaggct 180
 gggctaacc agtctcatga ctttgtgaat ccagtccana aacacagaca gagacacgtg 240
 tgaagacggc tggccagcgc gaccttgca atactcgggt ggggattcta attcctttca 300
 ggacccagca gttgtgggta aagcaggcaa gtggggcccc gtagtcaccc tcacaggccc 360

ccacacgnga aacaagttcc ctcaagtggca catctcgtc tcccgcacat gtcctcggtg 420
 cttgatgtta cactcctggt tggagatgac attcag 456

<210> 2699
 <211> 416
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. N78902

<400> 2699
 aatgtacatc atatttttta tagaagtgat tatatcacia agaaaaatcc tgccaaacaa 60
 ctacaaatca agaactctgtg ggcaaaaagc tcaattcata caatgtaaac acattgaaaa 120
 aacaaatgca aaataaaaaa agctgttgat acatcacctt gaaaaattaa cacaactaaa 180
 ttaagggcta tagaaaatgt gtccagctta tatatcatac acgtcattta acttgaattt 240
 tacaattttt aaactaatag aattcagatt tattacttga aataatggta taccagctg 300
 ttcttcataa tggcaagcat attccatata caatacaatt tatttagcat agttttatac 360
 tcttaagtaa aatatgttag tggattaaaa gcataaagga ataatatgg cccagc 416

<210> 2700
 <211> 423
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. N79435

<400> 2700
 aatgattctc ttcctttttc acaactgtgc agtcactgtc ctattgtggt ctattctgaa 60
 aaacaaattt ttttgaaggt caagtttttc aatggcacia aactatttgg aatgaacca 120
 aaagatagcg gaaagtggg tccctcctca agtagtttcc tcccttttta acagcatcta 180
 actactctct atcaataatc tcatcacagc cgagttcttc ggtcagacga ttgacaacca 240
 tcagtgaaaa aagctcttcg ataaaagcta actgatcaaa cggggtcttc tcataatgca 300
 tctgaaaccc gccatccagg gctggttctc ttgttctcag aaacatcttg tcgggttctt 360
 caagagcggc tgatactctg tagccggcac cactgagctg ctctctcttc ggatagtcgt 420
 agt 423

<210> 2701
 <211> 446
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. N79778

<400> 2701
 atgttagaaa attttaatat atgatttttg tagggccaat acatagtaaa gacatagctt 60
 tatttcaatt gaaccgaata aaatgatgta ttacagtaaa ttaaggcaaa ggagatagat 120
 gctatgacca gtggtgcaaa atttttcaaa aattttataca ttagatttac ctttacaagg 180
 ttatagtcaa gaataattaa tttgtatttt aagcaaaact tactgctttt caaaaaatgt 240
 cttaatcttg agtgaggaat agtgaaggta atcttaatat actgtttaac tttaaaaaat 300
 aatttttagaa ttatagaaaa gtttcaaaaa gagtatagaa tttatgcaca cccttctgcc 360
 agctttcctt aatgttaaca atgtacataa ccataatatg attttccaaa accaggaaat 420
 taacattaca gtagtgtttt aatttt 446

<210> 2702
 <211> 409
 <212> DNA
 <213> Homo sapiens

<220>
<223> Genbank Accession No. N80129

<220>
<221> unsure
<222> (1)..(409)
<223> n = a or c or g or t

<400> 2702
agtctagatg aattttattgc cattcacata tttcatagaa aaaaagatgt agcaaacggg 60
tcagggttgt acaaaaaaaaa aaaaaaatcc aggtttatat aggttgctct atttacatct 120
gagagcacag ctgtcctggc atcaggcaca gcagctgcac ttgtctgacg tccctttgca 180
gatgcagccc tgggcacact tggcacagcc cacaggnang canggagcag cagctcttct 240
tgcaggaggt gcatttgcac tctttgcatt tgcaggagcc ggcacaggca caggagccaa 300
caggcgangc aggagcagtt ggggtccatt tcgaggcaag gagaagcagg agttcccgat 360
tcaagaggaa aacacgcagc gggacagatt ctctgtccga attcttggc 409

<210> 2703
<211> 286
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. N80703

<400> 2703
tgtttgcaag ttactagatc atacaaaaat aaccgctaca aattctctgt atctggcata 60
taaaaaactga gcaaaaagta tctcttaaag caaacatct cagaaaaaaaa tacaacacag 120
gtttaacttc tgcagtactt tgttcatata aaacactagt aaaataggct tcttaaaaaat 180
taaatagtga aataccaacc aaattatata cattgttaca gtacaagtga atgaggcaaa 240
atatccagtt cttagtttcc cagggtgggtg ggggtgggct tcagtg 286

<210> 2704
<211> 413
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. N81025

<400> 2704
gttgcttggtg ttttttagtgt cattttattta agaaatcatt gcctaattca aagtcagaaa 60
gatttacgcc atgttttctt tgaagatact tataatatta gctcttacat ttagatctta 120
ggtcaacttt gagttaattt ttatatgcaa tatgaggtag gagtccaatt tcattatttt 180
gcatgtggat atccatgttt ccaagcatca tttaatgaaa aagactattt tgccccatt 240
gaattgtctt agcactattt tcaaaagtca gttgatgata aatgtgatca atatttcttg 300
accctcaatt atattgggtat tttactcttt ctgatgctgt caattttttt cttttctttt 360
ttgttttttt ttgagtcaag gtctaactct gtcattccagg ctggattgca gtg 413

<210> 2705
<211> 421
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. N81036

<400> 2705
cttttttaaac caaagtcaaa tgtaggttgt tttattgtaa atgtcatcaa aatccagaac 60
agcagaaaca tattaatcag tttgaaattt tagaaatcct ttagcacttg aaaaagagta 120
ttacaaatgc atctatatca catagaaagt cagcgaatac aaactagaca agcaggacat 180

```

agttcttttc tggcattcca ggataataag aatattttatc aattaaaagg tcaatatctg 240
tcttcctgaa ataactccaa acctgagtcac acacacattc ttttcggatt gggtctgact 300
ggcgtaagaa gagaaataca gcattttgtt ttttattttg tttatctaata cacagggaag 360
gataaacaata gggcaaaagt gagagaaaaa gttagatgtc cttgaatttt ttttttttagt 420
g                                                                                     421

```

```

<210> 2706
<211> 341
<212> DNA
<213> Homo sapiens

```

```

<220>
<223> Genbank Accession No. N87590

```

```

<400> 2706
gtttgattca tagaattcct ttttagatttc tttccagcat accaactagc ttttagtagtg 60
ctgctacaac cagctcttat aagtaagagt gaaaaagtat tcttttcttc tttaaaaaat 120
aagtttttct tgcttatagt taattctaga aaggcaatac taaagggtata tatttttttc 180
aaaatgctat tttttactgc acttgataat tatcctgaca gctctgatct ctgtaataga 240
ttcactcttc agctctgggc agaccagagg cagggttcac accaaatttg taaataccat 300
atgtggtctg gtgtcaggac ttttttcttc tgtaaaaaag g                                                                 341

```

```

<210> 2707
<211> 298
<212> DNA
<213> Homo sapiens

```

```

<220>
<223> Genbank Accession No. N89302

```

```

<400> 2707
atccagtgtg aaaaggaagt tggaatggga gttggcgggc agtgaacgag tgtgggggaag 60
gattggtgct ggggcaacag gaaggggcct tgggcgtttg gctgcactaa ctttggttagc 120
tcagtgtgca tctagagtgg gacttgggag ggagctaagc ttgggctggg ctgcttgggg 180
cttggcatag ggtggaaagg gctacctggg gctctgacca cactgtagta tgtgtggagg 240
ggcctcccgt ctcccacaac ttctgctata acaataaaact gtagaggatc ttaaagag 298

```

```

<210> 2708
<211> 166
<212> DNA
<213> Homo sapiens

```

```

<220>
<223> Genbank Accession No. N89670

```

```

<400> 2708
ccatgagatg cctgccatga caggcgccac aaacctttcc tttattgcaa acatgtccca 60
gtcccgggag gcttggaag agtggaacc aggggaaccc agggatggga ttccactgaa 120
aacaaccgt cctgctgtcc tgtcgagggc cccacccac aggatg                                                                 166

```

```

<210> 2709
<211> 436
<212> DNA
<213> Homo sapiens

```

```

<220>
<223> Genbank Accession No. N89738

```

```

<220>
<221> unsure
<222> (1)..(436)

```

<223> n = a or c or g or t

<400> 2709

```
gaagtatact tccaagcaaa atttattaga tgtctattca agaaaaacac aatgaccttt 60
gcttgtaaga attcaaagtc aattacctgg aagccaggta tgaatagttt tttcttttaa 120
aatcagatac agagagtaga aacagtaatt tttcttaa atgacaggca acagatattg 180
aagtcttttc tcataaatgg catcaaagag aattattcat ttatcagcaa agngcatgca 240
gttgacttaa tttcaaacct gaagccttta aaatatgaag ctgggttatga acttgacaga 300
aatcaaggta ggctactcaa cgatgtttct ttaccttctt cctaattggaa attcccttgt 360
catcagtcag tagatatgta catttcattt gggcttctac ggatcttttt aaccttcata 420
ggatttttgg cataaa 436
```

<210> 2710

<211> 432

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. N89937

<400> 2710

```
gcatcagcaa gtttattttac aaatgcaatt gaacagaaag gctcaccagt ttctgaagaa 60
gacttctagt atacaaacca tggttatttt tcattaatga aaataagcag ctttctattg 120
ggaattactt agcaacattt ctggttaaaga aaatagagct cccttcatca agcaaataaa 180
tggtacatta actgcatttt taaaaatcag aataataggt agaaggaagg atacagaaag 240
cacatttggg gatagatttt aatgaaattt tccatatggg tctgcattaa tttagaatac 300
attacaataa acagagcaaa tgcaatttat gtatttatat taactatttc aaataatggt 360
taagaaccct tttttaaaaa accataaaat accctcttca aaacaccact aactaggaaa 420
gtccaactag at 432
```

<210> 2711

<211> 397

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. N90238

<220>

<221> unsure

<222> (1)..(397)

<223> n = a or c or g or t

<400> 2711

```
aagaaaaaac aaagcacaaa tataagttta ttaatgtag caaaataaaa agacataagt 60
ggcttgtaa aaactaatgt gtaagttttc ctgtttcctt atctccagag catttgcat 120
tctttatcaa ctggtacata aaagaataga aaaataaaaag attgtcatat tgccctctgt 180
atttctcttt taatatatca gtatgtagt ctaccagaaa gtagtaa atg gcttcaattg 240
nagaaaggga agnnaccggg cttccctttt nganggcgcc aaaagcaagt ttttcttgtt 300
ttcaactcaa cttgtaacaa cccttggaag tcgctcatca gtgaatattt tgtttgtttg 360
gttccagggtg ctatctataa atataatttt tttcagt 397
```

<210> 2712

<211> 418

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. N90273

<400> 2712

atggagacta tttcactttt ttaatcaaag atggaatatt catcacagtt cccaagggga 60
 ttttctaact ggcttgggca aggagttcac ttgtagagt tagttagtga aaacatccag 120
 tggccaagcc tcatcaataa ctgtatccaa aaggagacgc tcgcttgggg tgtacccaga 180
 gaaaacacca agctttcctg gcttcccggc cctccctctc cccattagtc tttggggtgc 240
 atacataagt gttgtgtgaa gtctcttggg gtttagaaga tcttgcactc attgatggag 300
 aagagcctcc ttctgtttcg tctcctggcc tgggtgacgg cagtttcggg acggcgact 360
 caaacacctg ctgtactccc cgattgctaa gggctgagca ctccaggtag cccttggg 418

<210> 2713

<211> 265

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. N90584

<400> 2713

cgtgttttct ggaatttatt ctcttttatg ctgaatataa aatatgtgat ttcaccaatg 60
 ctttaagaga caaacacata caagttgaaa tctgaaaaca ataattatat ggagcaaagt 120
 gcagcctgac acttaacaaa agctgttaaa tcgaaaagta tctctagaaa aagcaaaacc 180
 cctatagtaa aatcaaacac aacagaaaga agctttggta cttttcaata acgggagaca 240
 aaaaaaagtt tagtttatta ttaaa 265

<210> 2714

<211> 519

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. N90820

<220>

<221> unsure

<222> (1)..(519)

<223> n = a or c or g or t

<400> 2714

gattcttggg gcctttggga tcgactgggt tttaatggcc tagttatttg aggattttgc 60
 tgtgttgttt tccatgtctt ctctgggtcac cttggattat atataaaaat acaggaaata 120
 gataaacatg aatgtgatta ataatgctga aaaagtatta gcctaccaa gacacactca 180
 ggcttttagtg aataacttta cataacctca gtttttaaca catgcatatc ttctccaacc 240
 atgaaatcaa agcacgggtgc agaacttgta ccaagtacaa aagggtccatg tatgattagc 300
 attattttct tttgcttttg tttatggaca atgttcagct gacataagca gaagttggcc 360
 aaaatactgc ctgtactgtt aatttcctgt ataatnactt aaataaaaagc aggttaanct 420
 caatgatagc agttaaaatg tctaccttat gtattctttt aagtattcca ttatggtgct 480
 ctgaccgttc ttttggtaaa agaaaaatgc catgggtgct 519

<210> 2715

<211> 208

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. N91023

<400> 2715

atattaaaca gtttatttca gtaacattgt aaggcaacaa ttaatcctca gtaagtcagc 60
 aaaccagtga caagaaattg acaaacactc cttctacagc ttcttgagac agcaggctgg 120
 cttgtggccc cctgggtggt aacatcttaa ggaatcctat catgtttgtt tatatatgct 180
 aaactgtaaa aacaaacact tcctgggg 208

<210> 2716
<211> 489
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. N91087

<220>
<221> unsure
<222> (1) .. (489)
<223> n = a or c or g or t

<400> 2716
accgcaagta tgagtatctc atgacccttc atggagtggg aaatgagagc acagtgttct 60
cgatgggaca tgaaagaaga cagactttaa accttatcac catgctggct atccgggtgt 120
tagctgacca aaatgtcatt cctaattgtg ctaatgtcac ttgctattac cagccagccc 180
cctatgtagc agatgccaac tttagcaatt actacattgc acaggttcag ccagtattca 240
cgtgccagca acagacctac tccacttggc taccctgcaa ttaagaatca tttaaaaatg 300
tcctgtgggg aagccatttc agacaagaca ggagagaaaa anaangaaaa gagnnnnaaa 360
agagtgatcc agcccttatt agggatgtgt tttgtgcaat gatgatatgc tcctgggttt 420
aagtttggca aagcttatgt atcttttaaa tagatgggag catganctcg aaaggatcct 480
tttcccttc 489

<210> 2717
<211> 192
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. N91273

<220>
<221> unsure
<222> (1) .. (192)
<223> n = a or c or g or t

<400> 2717
acagaaagga tgacttttat ttccatcctg aatgattcac accattattt aaacatctga 60
aaaatcctga aataatttaa actgaaggca cagaacaaac caaaatattt aactatcaga 120
actaaaaatc gagaaaatcc aaatagttct atagtaacaa taaattatga acaagtttcc 180
gtcaacanaa ta 192

<210> 2718
<211> 150
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. N91773

<400> 2718
tttcacactt catcttttat tttttcttac aaaaggcctt catatcatcg tttgtcttac 60
aaaaaccaa gtccttgtct ctgagtttga aaaacatctt cccagaataa atgggaaagg 120
atctcttata aatatatata tatttttaaa 150

<210> 2719
<211> 135
<212> DNA
<213> Homo sapiens

<220>

<223> Genbank Accession No. N91882

<400> 2719

tttattttcc tggtatcttt acatttcttg gttttcataa gttaaataata cagtattcac 60
agaaattaag ctggtgggta tgaatcacca ggcagcaaca gacagtatac ataattattt 120
gacgagtgca tccaa 135

<210> 2720

<211> 410

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. N92659

<400> 2720

tcagattcac aagctttaat cattactttt tctggttatac attgaattgt ggatgtcctt 60
taattagtaa aacagccact aaaattgttt ttatgggttg ctatcacaaa agtcgaagga 120
ttgctagaat gctgtttacc tgtttcaaca gctcccatca actaccgcta ctactttac 180
atagaaataa aaacagctac tattcattga gcctatttct atatgggaat cttagtgtcc 240
tcacacacat taattcactc aattctcccc aaactctatg aggtaaacta ttatgccccat 300
tttagagatg aaactgaggt ttaaagagat taagtttcca aaaatcagat aactaataag 360
gagtagagtg aatctgaatt taagtctcat tgcagagagc taaagttctt 410

<210> 2721

<211> 332

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. N92734

<220>

<221> unsure

<222> (1)..(332)

<223> n = a or c or g or t

<400> 2721

tatctcccca ttctaccacc tatgccagat gttaaagaca gcagatgttt tgaggagaat 60
ggcattgtgg agatgcagag atgcgttgct aagttgaggt ggatccagta tagagatacc 120
tctatttctt ctttatggct caagagagct aggacttgga ttttgtttta caggcatgaa 180
ccactgtgcc cagtctatat ataataagatt ttagaagaaa tttctgccac tcagtgactg 240
ctttaaattc tagagacaga ggctgagaga aacttagtag cctgcctgcg catactgcaa 300
gtacagncta tataacnagt tnaaagagaa tc 332

<210> 2722

<211> 407

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. N92775

<220>

<221> unsure

<222> (1)..(407)

<223> n = a or c or g or t

<400> 2722

ttttgccaaa tgcataagct tttactgttt ttatattagg aaatcataca ggaccaagaa 60

```

ccgctgggggt cctggccagc caggcaggcc aggatggggt ccggggccat ggaggcgaag 120
nacagtggca ggcaagggat gaggtgggtca caggtaacacg ggctgctcct ggctgtgaag 180
gaggcgatat gtggcagctg gcatcgctctt gatatgcacc tcgccatagn ctcggtgagc 240
agctcgatga tgggggcgtg tggcgtggca ccacactctg cccattgatc tcaatgatgc 300
ggtggccgac gcgatnccc cacgctcggc gatgccacca cggaggaggc tgcagatctg 360
ggggagaaaa gaaggggacn ggaaaaaagt tggggcttct caagggg 407

```

```

<210> 2723
<211> 186
<212> DNA
<213> Homo sapiens

```

```

<220>
<223> Genbank Accession No. N92915

```

```

<400> 2723
gttttttttt tttttttttt tttttttttt taaataattc aaaaacttta ttgacctata 60
acctgattag aatatgccag atgggaatca atattgtaca gaaagttgta cagaattttt 120
tacaatagaaa actttacatc tgtaccatat acattttgtc catctgaaaa aattttctac 180
atccac 186

```

```

<210> 2724
<211> 340
<212> DNA
<213> Homo sapiens

```

```

<220>
<223> Genbank Accession No. N92934

```

```

<220>
<221> unsure
<222> (1) .. (340)
<223> n = a or c or g or t

```

```

<400> 2724
tttttttttt ttttccaagt gttcagggtt actgagagca ttaggggcaa caagggagcc 60
ctggnatctg gggacaaggc ctggcatttg ctggacagtg gccctgcaag cagccaagga 120
tggggtctcc accacctggt ttacttgaaa gtgtggctct cggctccgcc cgcccaaagc 180
ctttagncnc aaacatggat atggctacgt agcaggggtg gttgcantag ggtttgcctt 240
cgtgctcagc gtggccccc aaggtcagcg tcttcccaca tttctcgcac ttcaggcagg 300
gcnaatgcc a ntccttgccc agagaggtca ccctctcggg 340

```

```

<210> 2725
<211> 150
<212> DNA
<213> Homo sapiens

```

```

<220>
<223> Genbank Accession No. N92948

```

```

<400> 2725
ttttttgaaa gtttacttcc gagtgtgaag actggctcta aagagtccac tatatcaagg 60
tcccacactt caataacagg ggtcatgttt cctacagcaa tgtaatttcc agtagaatca 120
tctgggctag gatcaaaatt cagccattcc 150

```

```

<210> 2726
<211> 260
<212> DNA
<213> Homo sapiens

```

```

<220>

```

<223> Genbank Accession No. N93000

<400> 2726

```
gttttaaaga tattttat ttcaatacca gtaatgactg aaaattaaag aattaaagca 60
ggaagcaaaa caaaaacaaa caagaaaccc aaaacttgca acctaaactc tccgggaaaa 120
aaaaaattgc tataaatgtt aaaagactta aagagaacat tgacaatgca gccctgatgt 180
acctaatacat acttcaaact gctggatggt ttaagctgag aatctcccca gtgcctttct 240
agtgtcttaa aatcatctcc                                     260
```

<210> 2727

<211> 147

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. N93105

<400> 2727

```
cagtgtccat aaataaagtt ttattggaat acagccacgt tcgttcatgt atgtgttgtc 60
tatggctgct ttgcaactac aatggcagaa ttgggtggtt gcaacatatt ttatggcccc 120
cagccctaaa atatttactg ttgggcc                                     147
```

<210> 2728

<211> 285

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. N93155

<400> 2728

```
tttttttttt tttaagaaag actctcttcg tttatttagt tgatccccct tctcaattcc 60
taatagtctg acacttattg ccatgtttta tttaatattt tttatttaat cttttaattt 120
taaaaaaaaaa cccattaaca gtacattttg gtctaaaatg gtccctctgc tgaaatgcta 180
ggtgctagcc gtaattctgg ctttaaaacc aaaaccccaa atattttaata aataaaaaatt 240
agaattagtt gccattctac tccaaaccag ctagcctagc tgaag                                     285
```

<210> 2729

<211> 529

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. N93191

<220>

<221> unsure

<222> (1)..(529)

<223> n = a or c or g or t

<400> 2729

```
ttttttgact agaaaggag cactttaatg aacagaagta cagacgtgct ggcaaggatg 60
gaaatctcca ctggttcctg gcccccttca cctccatgca tccccagcat ggggtgtaat 120
cattacccaa gctctcgctg ttccccctca cccctgcag agtccagcag gtctagatac 180
gtgctctttg aaatgtgttc tgggattaaa aatgggtgcc tgaggctgtc taaccctcac 240
aaaagacaga cacatgcaca cacgggcctt ggggagggct gtgtattagc agtcaggtagg 300
gccctcctgg gagagcttgc tcaagaactc ttctcggaag gaaaccacc ttaaggtagg 360
gttctgatag gcagantccc agagggacag ccagctgcta gaagatgggg ttatccaggg 420
tttgtaaggt ttaaacaacg ggcaggggag caaacgagtc aaatgggttc ctcgtgcgaa 480
ttttggctcg aggc aaattc ctatagttag ngtatttaat cgtaacatg 529
```

<210> 2730
<211> 184
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. N93246

<400> 2730
ggcatggtcc tatttatttt cagacattct cgcttcacag aaagaaacag ggtgaggggc 60
tcaagagaga ggctgccccaa gggagaagca cgggaacgct gaactggccg aggggcttgt 120
cctcatcctc aggggtaggg ggaagcccca tctgccagtc tggtcggaag ggaatagata 180
taga 184

<210> 2731
<211> 206
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. N93299

<220>
<221> unsure
<222> (1) .. (206)
<223> n = a or c or g or t

<400> 2731
tttttttttt tttttttttt tttttttttg acacaaaccc actttattca gcattgagcc 60
agcccacacg ctgggaggtc aaactcacag acatgcacc aagggccggg gactcagaag 120
ggctgaaagg cttcatctng gaaatgggca ccgctcacaa gcccggctat ccccaaattct 180
caacaactgt ctgcatctat gtcccc 206

<210> 2732
<211> 482
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. N93316

<400> 2732
taaacaaagt ccaattttat tcactctcaa tatccttgca gtccattgta taccttctgc 60
actgaccctt gtttcagtag ctgtttgata ctttctctcg cttcctctgt taactgttct 120
tttgaaaaat ccacatcaaa agtgattatc aaagagccct tgatattgtt gttgtcaaaag 180
ttggggagcc cttccccctt cttccatagc ttcgctcctg gcctggtgat cttatcccgg 240
gaaatatgta ctttgtgacc atccaagtga gtaatatcca tctcaaagcc aaccagtgac 300
tcaactaatg agactgtcac atttgtgtac aaatcatctc ctctcctttc aaatattggg 360
tgcttgacaa ctttgattcg gaaccgtaaa tctccaggct ccccatccac gtgaggctca 420
ccttctccaa taaaggggta ctccatgccg tctctcacc caggctctat ttctacttcc 480
ag 482

<210> 2733
<211> 499
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. N93403

<220>

<221> unsure
<222> (1)..(499)
<223> n = a or c or g or t

<400> 2733
tactcttcac ttttcttttt attattcaaa agtcaaagt ttttaaata tccatcctca 60
atatttgatt aatgtaccgt catttcccca agaaaagaaa tttcagaatc tctttggaat 120
actaatttca tgtttctaga ttttaacaaa ctggtgaagg tttnaattcc atcnaatttc 180
ccggaatctc aagacagttg ntgatggtaa attttaatnt aaaatattta ggcncctaat 240
agnattgcnt ttggtatggc catagntgng anggtaanat ttgcnttgcn tttggcaata 300
aaaaacctat acccatcctt tcataaaact ctaaaccaaa ttaagaactg tggatggtag 360
gaacaaaaat ttacnctggt gtaaaacagg taccagcaca acggttaggt tatattacat 420
caaaaaaagt tttaatgggt cccaaatata tataactcaac aactaagcat acactcnggg 480
gaggaaaaaa aaaatcnaa 499

<210> 2734
<211> 170
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. N93465

<400> 2734
ttttggtaca aaaggtgtct ttattgaggt ctgggttaaa attaggcact tggccacgag 60
cagcagctta aatatgaggc aagcagtcag gggtagcca tgcctggggg ggggtggggg 120
catgaggcta caggcacaga ctgtccccag gtggacagaa gtttggagca 170

<210> 2735
<211> 234
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. N93470

<220>
<221> unsure
<222> (1)..(234)
<223> n = a or c or g or t

<400> 2735
gaatatgaag tggtttttatt ttgctaaatc ttcacaagtt ttgttttgta ggtgaggaag 60
ctgaggccca gagcatttaa acaatttgtc cacggttata cagcaagtaa ctggcagaga 120
ctgggatctg cagtctgacc cctgacacat gttcaaccga tgtcagagtt tattttattac 180
ctctgttggt cacaggaaga aactaggggt atcttaaaat cttctgacat ctnc 234

<210> 2736
<211> 468
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. N93764

<400> 2736
tttgcatagg cattactagg gacataaatg ggagactggc atagaaagtg gtgaggagcc 60
gaagccaagg aattgcttta aacacaagat gaaaatactc tgttctgtcc aaagcatcac 120
ctaattggtgt gaggcattct acttagctgt ggagaagtcc ttggaattag atctcagaaa 180
gacagcttta agacagtaaa accttttggc aatgggctaa ttgccttaaa agaagagttc 240
tacctgaaag accttgcagg tggagaaatt gtccctacaa gattccttga tatgttagtg 300

gagataactg acatgggtag ctgtgggtca accaggaact gtcaacaacc tgatctctgc 360
 aaaaccagga tggccagtta atggtttatt cagttctctg atggtcacaa atgtaatttt 420
 atttagcctt gtggagggtt ctgcaacaaa tgtaatttta aaggaatt 468

<210> 2737
 <211> 270
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. N93798

<220>
 <221> unsure
 <222> (1) .. (270)
 <223> n = a or c or g or t

<400> 2737
 cacggctcct gttttattgc cttcgggtgt ccggagcacc tgactgcccc ggggtctaata 60
 aatttaaggt gccgagaaca ggtcaggaca aggggtcgca aaanaggggc tgggggcagn 120
 tggttacaaa atataccccc accccacaac aaacaggcta gaggagacca gcctggctgt 180
 gtcggggangg ggcgggcaga gggcgcccga ccagccttca gagagacaga gccacggcca 240
 gcgccccaga gggagtggcg gagacaggac 270

<210> 2738
 <211> 457
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. N94146

<220>
 <221> unsure
 <222> (1) .. (457)
 <223> n = a or c or g or t

<400> 2738
 aatgtgcacc aaattagcag taaaaatagc agcagatgga tcagagtgggt tgtcaataaaa 60
 ccttttctcc ccagggttact aatatacaat tgccatgaaa aataaaaaaa tatatatata 120
 tatttacact tgactcatca cctctgctta ggaccctgta agcacaagat attgctgaac 180
 tgctgtattt gctacatatg gaacaattag actagcaata agaagtagtt tatgcatgta 240
 tgctggccta catgtatata cccctttcgc aattactgag gattatcaac aaagtttggt 300
 cttgtcttgt gattataatt ctattaaatt acattttaaatt gtgatataca gaatttttgt 360
 tttataatta gtattattct aagaaataat agtaatatag acccngtaaa aataaccata 420
 acttatggca aaagcaaatt cagaaaatgg caataat 457

<210> 2739
 <211> 441
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. N94367

<400> 2739
 tttttttttt gtttcaacca caagtattta ttgatggatc gaagatacaa ttttaattgga 60
 acaataaggc acaaccgtgg attaaaacac ttgtctatac agccaaaagg ggggaaaatc 120
 tataacctta ggaactttat gccaatcaag aagcctctaa agtacctctc taatagatca 180
 gtatcagaca ttcttccctt ttacataatt cctatattac atcacttaac cataaaatct 240
 gactgatact tcataaagaa ttcttcattc atttatattt gagccatcca gcctggctac 300

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tcccctgttc tccacccttt tccatcactt tgcagtggta ttttttagca atcttcaata 360
gttttccaaa gcaaggaaac aagcaagcaa gcaatgagtc agaaagtcaa ccaagggcag 420
atgtgtgggc taaatacact c                                     441

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<210> 2740
<211> 409
<212> DNA
<213> Homo sapiens

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<220>
<223> Genbank Accession No. N94930

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<400> 2740
atttgtgcac cactgaaaat tcttatttat tcactttaat tctgcattta cacaaaaatg 60
ctgtaataaa atatctgtac actacttctg ttacaaatat agatatttaa agtgacttta 120
tatattctaa tgtaggagtt tcacgctcta aaatgggaat gaacacatga taattcctca 180
ccagttgtct caataaacag ctccatctgt tccccttagt cttaaactat tgtattataa 240
gatgttaata taaggcaatg aaatgaagtt atgttaatcc ccttaatttt tctatcaatt 300
tactaatggc atacaaccaa aataattagt aacacattgt tctctgtcat taagattaat 360
atgaattgaa aaccaattgc acagcacact aacacatttt taatgttgc                409

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<210> 2741
<211> 462
<212> DNA
<213> Homo sapiens

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<220>
<223> Genbank Accession No. N95495

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<220>
<221> unsure
<222> (1)..(462)
<223> n = a or c or g or t

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<400> 2741
tttttgccaa acattagagt ttgttttatt gcatgacgtt tgcataagaa aaaaagttat 60
tgaaaactgt aaggcatcat gcaatcattg aataagctaa ttattaactg tacacttaag 120
ataggtggac atataatcta aaatttaaaa actagttcca gaaaagtaca taaaaaattt 180
aacatgatga gctttttaat atggtttata gtttcatgtt gttaaaaagt gcttcaaatg 240
tactgctgga aagttgtctt ttacaaatgg cgctgggggtg atgtcagatt ataaactgta 300
aaaaccaagt acttttatgg aattagaaag ctaacattgt gatccccaac ttcttgaacc 360
agttttcaat cccatttcaa attaagttga ttaattattaa taactaaaaa cactggttta 420
tcccccaaaa ggcttggatc cagtagnctg tggccaccaa tc                462

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<210> 2742
<211> 394
<212> DNA
<213> Homo sapiens

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<220>
<223> Genbank Accession No. N95585

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<400> 2742
tcctgagaag tcaactggtgt ttaatggaaa ggtatcctat tagtccttgg ttaagataag 60
gcagtaagag tatcactaat actatgtttt tgcttagaat gaggctgac cttccactgg 120
cgtcttcacg ggcaattagt tccctctctt ttgctcctag aaacacaggt aggagctgtc 180
tgccccctat tgctgttgca ttttctgagt gtgttgaagg ctcatctagt ctcatcacag 240
cagcttcccc agtgggatgg agcgtgtgat attgcattgt agcatctctc caggaagtgc 300
acgggcccc aagaggaaaa cacaggcatc tttcttctg actcctcttc tgttctctta 360
gggacggggc ccataaatga ttccttcaca tgat                394

```


<210> 2743
 <211> 439
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. N98464

<400> 2743
 tttttgattt aaaagatttt attttcttta tgcaggtagg cagttagaaa tttcaaagtc 60
 taacaaatgac attccttgaag tgggcacagc ttttaaaactc aggctatgta tacagtaacc 120
 ttgtggaact gggttcagcca gatcttcact ttcatgaaag cacagggtct gtccttttct 180
 ttccagaggg ctctctctcat attccatcgc cagtttctgt tacaaggcag actgaatcaa 240
 gccaaagatca acacacactg gtacacgtgg ctcccaacca attttatatg tatatatata 300
 ttctacttcc aacacccgca ttcctcctgg ttcaatcaaa gcctgggttt ggccaacaat 360
 aaactcgtca ggagatcgaa ggttgtagat gtctgcacgt ggcttccttg gaggtccagt 420
 ggtgactccc tcttccaaa 439

<210> 2744
 <211> 509
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. N98758

<220>
 <221> unsure
 <222> (1)..(509)
 <223> n = a or c or g or t

<400> 2744
 tttttccaat taaatctttt cttttttttt atgaaaaaag atcacacaga atttgccaac 60
 aaacaaaatt ccaaaaagaaa cataaaaaaa aaaaccaata attcccccaa aaaacaaacc 120
 caaagtctgg cttttccttc cctcaagatt gtctgggtga ggccttggtt tcccttgaag 180
 gcttggggcc tgggttaagt ctttctgggg cccaagcagg gaccctcggg cttgggcggg 240
 ctctgcctc tccctcttct ctccctaaca aacacttctc tatcctgggg ggtgagtaca 300
 gtacacttgg tgggggtgggc ggggggtgtg ctgggggact gggaggccgg tgaagccgtt 360
 ngctagacac tataatctaa caggaaataa aaaataatat tctggcacgt cagaatgttt 420
 tttttataa tttcatagct atttttcaca gttttaaaaa gtttatatat atatttatat 480
 atatttancc ttatatatat aattaanaa 509

<210> 2745
 <211> 462
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. N99505

<400> 2745
 agtgtggcta taggcttcta acgaagggaa atgaaatata gggctgtctc ctgctttata 60
 acatctggct tacaatcaac aaatacaaat agggctcgctt ggtgcagcaa accactatgg 120
 cacatgttta cctgtgtaac aaatctgcac atcctgcaca tgtatcctgg aacttaaaat 180
 aaaacaaaac aaataggggtc tcttgccctg tgggaactga agccactgct ctgtaggaaa 240
 taaaagtgtc tttctttttt gttttttttt tgagacagaa tctcgctatt ttgccgagt 300
 aagtggcatg atcttggctc actgaagcct ccccccgac aaggtttcaa gcgattctcc 360
 tgcctcagct actcaggagg ctgaggttga gagaatcact tgaacctggg aggagaggt 420
 tgccgtgagc tgagatcgca ccagtgcact ccagcctggg ca 462

<210> 2746

<211> 487
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. N99542

<220>
 <221> unsure
 <222> (1)..(478)
 <223> n = a or c or g or t

<400> 2746
 ggaattcagg agctgcagat aagggccctg caggtactat gtgctcagta aatgccagtg 60
 gttcttaagg gtctgagctc ccatggtaga ggcaagtaag ctgaggttca gagacagaaa 120
 atgacttgcc caagatcacc cagctgggaa gtgacagtgc caggggttga gccctgggtg 180
 agctgggtcc acaggccaga gctcattctg cctctctccc ggaagacctc ccacctgtc 240
 cccatgcctc tgcttctccc tcaccccaat tccccgctgc cttctaggat aagtgtgagc 300
 cactgganga agcagcacga gaaggagagg aaacaggagg agggggaatc ctaagcagga 360
 cacagccttg gatcaggaca gagacttggg ggccatcctt gccctccaac cccgacatgt 420
 gtanctcagc tttttccctc acttgcatca ataaagcttc tgtgtttgga acagctaaaa 480
 aaaaaaa 487

<210> 2747
 <211> 399
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. N99866

<400> 2747
 tttttttttt gggggaaaac acaccacttt tttttttatg cagcattttc aaatatgcat 60
 gtcaatatat atttttataaa ctattttaaaa taaaaaccct tcctcctttg aggttattga 120
 cattttctag ttcactgaca catctcccat aatacaatag ttctattcat tttcatgaat 180
 gaggtgggaa ctacactaaa aagtaggatt ttaatccctg aggtgccagt taaaatggac 240
 gaggttgccc ttgcaacaca agattttaaa aatcagcctt aaataataag catggatcat 300
 gctatttgaa tcagaatcac ctccatagca tgaagtcatt taggaaattg catttattgg 360
 gttaagttca cctgctattc ccagcctcat gctataatg 399

<210> 2748
 <211> 459
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. N99944

<220>
 <221> unsure
 <222> (1)..(459)
 <223> n = a or c or g or t

<400> 2748
 tttttctttt tacttttttt tttgcccgcc cctggcagag ctcttggcgg ggaggggaagg 60
 ggagaggggaa atataaccct gaggtgggga tggttcagct cccaaccccg gaaccctgg 120
 tgtgtacggg tcaggcagac acatgtggct gggcggtctg gctggggagg ggnccagccgc 180
 cactgaccag cagaggtngg aagttcggtg cgtttcagtg cctgcctgaa agcttgggga 240
 caggagggct gtccacaggt ggtgcccccc gcggcccttg cgcttctcct gtggggcccg 300
 catgaccctc tgctcgggct tgggaagaaa tggagcctac caggtgctgg gttnaaccg 360
 ctgccgggtgt ggaccaaggn tagattangc acccttgctt ctgcctttat tttattattt 420

gagnagagtt cnccttaatg ccagctgaat naatgtcga

459

<210> 2749
<211> 338
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. R00296

<400> 2749
atcgtttttta tgggaacctg caggggtgacc cggcaccttg ctaactgggc ttagagtcta 60
agggcttgagg ggctgcatct gatacagggt ggagtttggg gtgggagagt cctaggaagg 120
gggccccaaag tagaaatgag agaaatcagg aagggatatc gggggcgctc acgggggtgc 180
tccgactggc cttgcacccg taccacagct ctgcaccccc cgtcacgagc agttcaatgc 240
ccgtgcagaa gttggcttcg gaggccaggg aacactgccg cagccccgac ctcagcgggc 300
tggcccatgc ggcccagtgg ctggccagca ttgccctc 338

<210> 2750
<211> 309
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. R00843

<220>
<221> unsure
<222> (1)..(309)
<223> n = a or c or g or t

<400> 2750
ttttaatcgt tgtgattttt tattagttct cataatcgcc tcttattaat ttgtatgcac 60
ataataagca ctcaccttca cagtctgtcc ggcttcgggg ccaccttgca tggaaaagg 120
gagagaggtc ccatggaaat gtttttocac cactgtccc actctctggg tcgtctgaaa 180
caaactggcc acttcacag gacgcaggtc atgggaagcg ctccactggc cgcagcgggc 240
acacaaggac atgtcngggg taccacaggg ttccctatt tcacaaggag ncgagggana 300
attnttttt 309

<210> 2751
<211> 336
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. R01023

<220>
<221> unsure
<222> (1)..(336)
<223> n = a or c or g or t

<400> 2751
gtngttccaa aataagacat ttcattttat ttctgaaatc agaataagtc ggtgagagta 60
gaaaccacta ggtcgagagc aagaactctc ccccaaagt gagagaatat ttctccctac 120
cctgggctgc ggatccctgg aaatggggct tcttctctcc acatgttctg ctggcacaag 180
tccccttggg cgggctgggc tgaagtgggc agggttgggc ccctttcacc caccagaaa 240
catgggttca cttgaacgtc aggctctagg atcttcgagg gggccccag tncgctttnt 300
gacctgggccc cagcaagagc acttctctgac aaccct 336

<210> 2752

<211> 373
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. R01081

<220>
<221> unsure
<222> (1)..(373)
<223> n = a or c or g or t

<400> 2752
catttttatta gaaaaacgac ggctctcaag aagccctgcc ccacagaccc caccctcatc 60
tcgtgggcca ggactaggcc aacagtcctt cctaacagca aggaaggctg gagaatcagg 120
tggtttttatt tacctatat tgctgcccac acaaaactag gcttttggtc acaagggaaa 180
ggggagaatg gctgctgggg aggagatgcg gagtgcaggg aggggtgggga ccaagaaccc 240
ggcttggttc tgggagaggg cagtggcctg ccccttctcc aatccaccga catgtggggg 300
gtctgggttt ctntngccct cagaggccca cccacagact ctttctcatt tctctntttt 360
aggatgagtt atc 373

<210> 2753
<211> 256
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. R02036

<220>
<221> unsure
<222> (1)..(256)
<223> n = a or c or g or t

<400> 2753
nnttaaatta ttttattcaa gaagtggggg aggacagaca aggggactga gctgagccct 60
gagtccctga acctccagc tcagccccc cagcaggact ggactcaaag tcagaggggtg 120
gagactccag cccacccag acacggttg ggacagacag gaccagggga ataccngact 180
gactgtcctc cagggggatg gcggccgagc acanagggcc cggccttggg acccccngg 240
gtgggctatt tttggg 256

<210> 2754
<211> 291
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. R02365

<220>
<221> unsure
<222> (1)..(291)
<223> n = a or c or g or t

<400> 2754
tttttttttt tttttttttt accccactaa ccatctatta attatactta agctgggnccc 60
ccattactga gagtgcatta ctatataatt aaagccatth agacanggct tggcatagca 120
cttgcatgan acgccacata ctaaaaactc ctcccttaggg cagccttctt ttcctatcag 180
attcagagct cttttctcct tttctcggnn aaaaatgaac acagggagggg aaaattctca 240
gtaggggntc tccagcctgg gggggcttgt gagctggggc ctactggggg g 291

<210> 2755
<211> 378
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. R02371

<220>
<221> unsure
<222> (1) .. (378)
<223> n = a or c or g or t

<400> 2755
tggtgtctgt ttgatgttta ttggtgggtg tctgatgagc gtttctcttg tccagactgt 60
gtttctctct ccagaccagc tcccaggggt acaggggggt gggagtaggt ggtagctgtg 120
tcagtgtctg gccctgggtg ccactccctg aggccaagac cagcatgggc tttgatggag 180
ccaccccagg ggaagcccca agagagatga agccatcaat aaagcgggcc ttcangggct 240
tggggctttg gcacaacaag gaaataggag caagtttaag acaaccagg tttttggccc 300
aattagggaa gacaagnttt tccattaggc agcnttcatt tttctttcac caacccttcg 360
agttttcggg taagtant 378

<210> 2756
<211> 366
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. R02572

<220>
<221> unsure
<222> (1) .. (366)
<223> n = a or c or g or t

<400> 2756
ttttgagagc tgatgacaga caacagcaag ctactttaca gaatctacca actgggtagg 60
aaagtcttct gagtttcttt gcagacaaga aaagttagct gttgattgtt ggccaatcaa 120
taagggaactt tcctctctgc cattaagagc aacgatgctg accacatact ctgtgcctgg 180
agtgaaggtg gtgaggggtg tggaattccg agagtggggc acccgatctt ctcgaggtct 240
cccactgaag tgctcgggat gatggcggat cctgtagcca gtgatgggtg ctcgaggagc 300
aatccagtgc acagtaaaag agttggcagt aatatccaga aaagtcaata cccatttggg 360
gantca 366

<210> 2757
<211> 414
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. R02752

<220>
<221> unsure
<222> (1) .. (414)
<223> n = a or c or g or t

<400> 2757
aaagtgcctt tatgagtatg tgtgtacaca aacacagccc cagaggtttt ccaagtgtac 60
taaaactcga gattttaagt ctttcctcgc atgacagcca taggtgagga accaggaaac 120
atactaacac taagcaggag tcacgtggcc aggccagaac agaaagcaga gcatggaaga 180

aacctaaatg cagttaagaa gttttaccca aaaggggtcta ttaagccacc tgtcacatgg 240
ccacccaaac aaagtctcta cttatacttc agcacctgtt cccaatgctt gccaatccc 300
catcttgagg ggtgggtggg tatgggtcag tcttgaggca ttattttaaac aggaatttaa 360
ttagcccaaa ggggaaaatg agggatttag gatttctncc taatgcccc aactt 414

<210> 2758
<211> 428
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. R05309

<220>
<221> unsure
<222> (1)..(428)
<223> n = a or c or g or t

<400> 2758
ttttnatntc cttaaagtga gagatttaaat gtctttacat tatacatttc aaaggaacaa 60
aacacccttt atgaattttc tcatggagat agcatttaca tcacagagct attgtgaaaa 120
taaaataaga ntgtacagca cacctgggan tataaaaaaac atcccantaa cttacttggg 180
ngccccgcag ccatccatcc ctcacatata antacantga accagatgaa ggatccgtgt 240
ccgtgtccat gacaggcant ccattcagga ggntccaaaag gntaaatagg tcttaattca 300
ccanttttct ggacatttgc ttgggcactg cggggggtca tggagggggc ttgccccttc 360
atatttntcc tcattttaat nccctnccaa ccanaaccgg ggctcggggg gggtnngggtc 420
cttgccgg 428

<210> 2759
<211> 416
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. R05316

<220>
<221> unsure
<222> (1)..(416)
<223> n = a or c or g or t

<400> 2759
tgtagaata gacttttgtt ttgttttatt tttcatgggg ctttgtctgt ttcttgccat 60
gagtagcaaa ccagtgtaca aaaatgtcac agacgagagc aacaagcgac taggttttcc 120
tgagcccaaa tcagctcact ctatatacac aaaaggaggg ctgcctccct gtactgact 180
ctacccgcca caaagcgggc agggatgggg cagtgggggg gagctccttc ccagcctggg 240
ggcctttgcc aaggagagccc acaagggcnt tgcaggagg accctccatt aatcagcgtc 300
agtgtcttgt cttaacagca tcacacatgg gtcctttttt tccctcctncc ctacctnccc 360
ttcagtagga aaccaggtag ggaaaatcct nttcaggagg gggggacaga gggggt 416

<210> 2760
<211> 452
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. R05490

<220>
<221> unsure
<222> (1)..(452)

<223> n = a or c or g or t

<400> 2760

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ttcaatttta ttctacttca cttacaaatc tgctgctgaa catgaagcaa aaattcatag 60
taagaaaatg cagcctctgt ccggtcttca atcaaagtct gaaaaaattc tgctttggca 120
ggactctcat cttttactat gtgaaggatt ggacttaatg gtctgctgtc tctaagccaa 180
gttatgaagg atctggctct ttctgatgaa agtgtatcta gctctggaag atgtgtcatt 240
ttctgtgggt attgatgcaa aattaggtat atccaagcac atcctctatg gaaggttatt 300
gtcacagcct ttccccaacc ccaaagttaa aaaacagagc cacagtccca tagggaaagc 360
acccttctct tggtcagctt ctctggcagg acaatttttg aggggggtggc cttgggggacc 420
aatccccgtcc attaacctgg actgcacccc cn 452
```

<210> 2761

<211> 462

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. R05518

<220>

<221> unsure

<222> (1)..(462)

<223> n = a or c or g or t

<400> 2761

```
agggaaaagg tttatttggc tcacgattct gatgtctgag catctgctga ggcctcaggn 60
tgcttctgct catggtggaa ggcagaagcg agtcggcata ggcagatata acatggtgag 120
agaggaagca agacagtggg gggaggtgcc aggtgccaag ctcttaaaca atcagctctc 180
acaggaacta ttacagtgag gatgtactca ctgccaggg aggacattaa tctattcatg 240
agggatccng tcctcatgac ccaaacacct cccattagge cacaccccca aactggggga 300
tcaaatttca acctgagggga ggccaggggca ggcaccatgg ctcatgcctn gttaatcccc 360
aacactttcg ggaaggcttg aagcggggaa gatggctttn agcccccagc atttcaaggc 420
ttgcagttna gcttggagtt ncacccactg cattccagcc tt 462
```

<210> 2762

<211> 351

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. R06002

<220>

<221> unsure

<222> (1)..(351)

<223> n = a or c or g or t

<400> 2762

```
tttttttttt cagaatgaaa acacttacaa atcattttta ttatgaataa tttaggatat 60
ttgggacatt catttctgag taaaatagtt caaaatagga ttttgttgat accngttgat 120
acatattttag aaacaaaaat gagatatact tttgaaagtt tgcctttgta gttaaattcag 180
tcattcaaat tgttttctct caagacccaa aaatgccngg ggcattgccg gctttgagtt 240
tattctttgt ttcttcatca aattcttcca tgggncctta ttagtttccc nggggtccag 300
ctcacctagt gggaaagggg gnaatcgggn tccccaaaat gactttatcc t 351
```

<210> 2763

<211> 391

<212> DNA

<213> Homo sapiens

<220>
<223> Genbank Accession No. R06251

<220>
<221> unsure
<222> (1)..(391)
<223> n = a or c or g or t

<400> 2763
tttttaanttt ttttccccaagggaatgctt tattgacaaa ttaccatta ttataataac 60
tttaaggaaa agatacatcg gtcaacaccc gcacaacctg cttctcacc acaccacaca 120
ggccgntttt aaccctgggn cgaagggcac cgagcgttg gnttccctgg cccctgcatc 180
tctgtcgtgt gtgggagtg catccccaag ggtgtntgaa ctgtccgggg acacggctgt 240
cagaggacan ttgctntacc gaacagggac accttgagnt gaggcagccc tttcccntcc 300
cggggagtg gcagagcngg ggcacaccac agggcaggg ccttcaggtn ttccttgcca 360
agaggccatt taaggggnac agagtttnc c 391

<210> 2764
<211> 209
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. R06254

<220>
<221> unsure
<222> (1)..(209)
<223> n = a or c or g or t

<400> 2764
tttttttttt ttttccccaagggaatgctt tattgacaaa ttaccatta ttataataac 60
tttaaggaaa agatacatcg gtcaacaccc gcacaacctg cttctcacc acaccacaca 120
ggccgntttt aaccctggnc gaagggcacc gagcgttg gnttccctgg cctgcatnt 180
ntgtcgtgtg tggagtgcc tccccaagg 209

<210> 2765
<211> 426
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. R06271

<220>
<221> unsure
<222> (1)..(426)
<223> n = a or c or g or t

<400> 2765
tttttttttt taaagtaaca tttaatgaat acacatttat aaaagccatc atcccttaac 60
atggggaaaag tgtacaaaaa taatgtgaaa gtgtaaaaat ttttctagaa tacaggaaac 120
atatcagcag taaagaagtt tagtttaact ttttttttaa atgtaaaata gtttggnnct 180
gttaaanggg nntacagtgc gcccaaagca cttattttca tctgttgtaa actcattctt 240
tctaccttan ggtaactggg ngggagtcng ctgtgttaat atggggccaa atttaatttc 300
ntaggttttg ggggagcngg ggaggggtgt ggggggaagg gnccaggaag gggaggncc 360
tgggggcctt tcctttgggg ccgctgggtg ggggggcctt ngggggccct tgtgggggtg 420
gggggc 426

<210> 2766
<211> 344

<212> DNA
 <213> Homo sapiens
 <220>
 <223> Genbank Accession No. R06273

<220>
 <221> unsure
 <222> (1)..(344)
 <223> n = a or c or g or t

<400> 2766
 tgtagagatg ggggtcttatt atgttgccca ggttggtctc gaattcatgg gctcaagcga 60
 tcctcctgcc tcggcctccc aaaatgctgg gatttgaagc ataagccacc acgcccagcg 120
 ataaatctct tttctttaaa attatccatt atccaatctg tggttacagc aacagaaaat 180
 agactaagac aagagggtaaa ggaaaggagg cagggaagta ggcaggaggg caggaaagan 240
 tgaaggaaaag ggaaacgaag agaggcaggg gaaggaaggg gtntggacag gggaggtnng 300
 gaaagggaag ggnaagttna gggaaggag gccaagggnag gccca 344

<210> 2767
 <211> 353
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. R06400

<220>
 <221> unsure
 <222> (1)..(353)
 <223> n = a or c or g or t

<400> 2767
 tcgcatcttc tctagagtcc cgcggctcac agctttgctg cgaagggcaa cttgtgggca 60
 acctggtcaa ggaaaccttg cacttcttca aattcacaac gcccacccat ctctacaaca 120
 aggcgccag cttcacaggt gtcacgtagt ggtcaatagc acctttgcct ccccccagtc 180
 gatgcccac anttttgcca gtgatgggct tgaaaggggc tggtagctgc catatggcaa 240
 acatgttctt ggggtccata gagcgggtga ttgtcaggcg catcatttca aagtggcccc 300
 aatgcaggta gccaccaccc aatgccaaaga ttncaaantt gcctttctng taa 353

<210> 2768
 <211> 417
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. R06543

<220>
 <221> unsure
 <222> (1)..(417)
 <223> n = a or c or g or t

<400> 2768
 tttgctaggt gaaagtgcta aaaactctca atttcatcaa gattgacaag cacaccaggc 60
 atagtggctc acacctgtac tcccagcact ttgggaagcc aaggtggatc gcttgagtct 120
 gggagttaa gaccagactg agcaaaaaaa accagaccag cctgagcagc ccgaacaggg 180
 atagcctgcc tttacagaaa aatttaaaan ttagccaggg catgggtggc acatgcatgc 240
 ctgtagtccc agctacatgc tgagatgggg agggccactt tgagccaggg cggttgaggc 300
 ttaccaaaga gggantgatc cacaccactt gcacttntag ncttggggcn aacggantaa 360
 agggcccttt tttttcccaa aaaggnaaaa aggaatttcc ngaattttta ttctttt 417

Variable	Mean	SD	Min	Max
Age	34.2	10.5	18	65
Gender	Male	Female		
Marital Status	Married	Single		
Education	High School	College		
Occupation	Manager	Worker		
Income	\$20,000	\$30,000		
Health Status	Good	Fair		
Stress Level	Low	High		
Life Satisfaction	High	Low		
Work-Life Balance	Good	Poor		
Family Support	Strong	Weak		
Community Involvement	Active	Passive		
Religious Beliefs	Religious	Secular		
Political Views	Conservative	Liberal		
Environmental Concerns	High	Low		
Technology Use	High	Low		
Travel Frequency	Often	Rarely		
Exercise Habits	Regular	Irregular		
Dietary Preferences	Vegetarian	Non-Vegetarian		
Substance Use	None	Occasional		
Artistic Interests	High	Low		
Music Preferences	Classical	Pop		
Reading Habits	Frequent	Infrequent		
Gardening Interests	High	Low		
Volunteering	Often	Rarely		
Charitable Giving	High	Low		
Philanthropy	Active	Passive		
Environmental Activism	High	Low		
Political Participation	Active	Passive		
Community Engagement	High	Low		
Neighborhood Safety	High	Low		
Local Government	Effective	Ineffective		
Public Services	Good	Poor		
Infrastructure	Good	Poor		
Public Transportation	Good	Poor		
Parking Availability	Good	Poor		
Public Safety	Good	Poor		
Local Economy	Strong	Weak		
Job Opportunities	High	Low		
Cost of Living	High	Low		
Quality of Life	High	Low		
Overall Satisfaction	High	Low		

```
<220>
<221> unsure
<222> (1) .. (362)
<223> n = a or c or g or t
```

```
<210> 2770
<211> 249
<212> DNA
<213> Homo sapiens
```

```
<220>
<221> unsure
<222> (1)..(249)
<223> n = a or c or g or t
```

```
<210> 2771
<211> 589
<212> DNA
<213> Homo sapiens
```

```
<220>
<221> unsure
<222> (1)..(589)
<223> n = a or c or g or t
```

1207

actgatgctt ttcctagaca cgagatgatg acttgtggag cctttgtaat catgagagaa 300
 agtaaatgcc agaggttctg ctttcaacag gaatttgcta tacagctgcc cagtatgttc 360
 tccccagaga gcgagtttcc cattgccatt tgtatgtgca tcgatgggtc atgggtaaac 420
 ggggccattt acagaacgga agacatttgt tgaaatgcag tgagtctgaa tttttagttt 480
 gtggnatcatg ttcaatggct tgaagccagc ccagcgatgt cttgttnttg agnccatgnt 540
 aaaacttcca cancctgnac cttaggcacc agngtcttgn tttataggt 589

<210> 2772
 <211> 402
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. R06860

<220>
 <221> unsure
 <222> (1)..(402)
 <223> n = a or c or g or t

<400> 2772
 nnctttaatt aaaggntctt tntccnnttt tgttttggaa antctttctt tacagacagg 60
 gtctgggcta tatcgctccag gctggactca aactcctggg ctcaagcaat cctcctgctc 120
 aacctcccga gtagctggca ctacaggtgc caccacacca ggcttgattg tgacttgact 180
 gtcacccagt gtcacatgag ggcaagtgtg gaattttcca tttgtgggtg cacgtcagta 240
 ctcaaaaaaa ttcgaatttt agagcatttt ggatttcaga ttaggggaatg tttaacctaa 300
 gtttgtaaag ggaaattttt taggccttag gaatagggga tgtttcagga ttgtttcaag 360
 gaggacaaat gaaaggacta aaacaaccng gaaaacattg gg 402

<210> 2773
 <211> 303
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. R06866

<400> 2773
 gaataagact tggagccgct ttaattaaag actttttttt tttttttttt ttttaaacat 60
 tagatctcta attttaatag ttgagaggaa gggtataaaa taaaacagac aacacagagc 120
 ttcatgacgg cctcgattg gcagtcacc cagggatata gaaatgtaaa caaaaacaga 180
 gcttccagat aacattactg tgtgctatgt gactttcaga atacagcagc gtcccagaca 240
 ctctaaagtc aagtgaacaa agagatttta gaatcaatct atacacattt cagagggcag 300
 tcc 303

<210> 2774
 <211> 320
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. R06977

<220>
 <221> unsure
 <222> (1)..(320)
 <223> n = a or c or g or t

<400> 2774
 atttcatttt atttctgaaa tcaanataaa gtcgggtgaag ngaanaacca ctaggtcagn 60
 gagcaaaaaac tctcccccaa aagtggagag aatatttctc cctaccctgg gctgcggatc 120

```
cctggaaatg gggcttcttc ctccacatg ttctgctggc acaagtcccc ttggcgggct 180
gggctgaagt gggcagggtt gggcccttt caccaccca gaaacatggg ttcactgaac 240
gtcaggctct aggatctcga gggggtccgc agtcgctttc ttacctgggc cagcaagagc 300
acttctnac agcctnaca 320
```

```
<210> 2775
<211> 319
<212> DNA
<213> Homo sapiens
```

```
<220>
<223> Genbank Accession No. R06986
```

```
<220>
<221> unsure
<222> (1)..(319)
<223> n = a or c or g or t
```

```
<400> 2775
ngtaacttaa gcaaaaaang ggtatttaat tggttcacat aacttgaaaa gtccaggggt 60
tattctagct tcaaggcacg gttggatcca ggggcacaaa cgctgtcatc aggattcaag 120
tctctccata ttttggtctt nctttcccn gactggctt cattctctac atgggaggcc 180
ctgtagttt gaggttttca ncctacaaag ctaaagcacc ctcaggaaaa gngagcttct 240
ccntccacaa gntcagatgg ggtttgctga ttgatgaggn ctgaattaca tgttcaccca 300
caaanctcaa aggtttggg 319
```

```
<210> 2776
<211> 330
<212> DNA
<213> Homo sapiens
```

```
<220>
<223> Genbank Accession No. R07172
```

```
<220>
<221> unsure
<222> (1)..(330)
<223> n = a or c or g or t
```

```
<400> 2776
ttttaaagaa tacggcactt ttaataggcg gcagccccag gnggtgcgtg gacagaccct 60
gtccacagcg cctggctccc gtgctgctg tccttccatc tggaatgcca aacagaagct 120
cctctcagggt ggcattctggg gagtaggtcc cagtcctgaa atatacaaa tggcgcctcc 180
cactgggcag tggctactgg gctgcacggc cctttcaagt cctaggggtg cccctcaggt 240
cactgcttgg ccttcttcac aatgggtgcc cacagcagag atgacgggtg tcttnggagc 300
cgctgggctt ggggtgggtga ccgtgacaac 330
```

```
<210> 2777
<211> 353
<212> DNA
<213> Homo sapiens
```

```
<220>
<223> Genbank Accession No. R07637
```

```
<220>
<221> unsure
<222> (1)..(353)
<223> n = a or c or g or t
```

```
<400> 2777
```

```

ttttttatta aaacatatat gaaaaacaga aaggaatata tagctgattt ttaaaagctg 60
taacagaaag gcaggattat gcatttttta ttcaaacata cctataaaan tattattttt 120
acatttgaaa aaatattaaa ttttttaata attacctttt tgtctcgact cccagtgaag 180
aaatacttgc tgtcaggact ccaatcacaa gaccaaataa ttctactgtg cacagaagta 240
atthttgttg tgaaggcaaa aaggctaaaa actggctctg anaggnatnt gtataactn 300
ttcaccnagc cgaggaaagc tggggntttt ncccggttag gggaggtgnt gtt 353

```

```

<210> 2778
<211> 328
<212> DNA
<213> Homo sapiens

```

```

<220>
<223> Genbank Accession No. R08548

```

```

<400> 2778
ttttaaaaca atttccgctt tattccctcc ttgatgcttt ttataaataa ggtttaatat 60
aaagcatcac tattttttat ttactttctac agggggaagt agctcttttc ctggcagggg 120
tggacacgta gttatgggat gagctcgggtg gtactcggcc tgtccacacg agcgtctctg 180
gctttgtcga tatgcttgac aaggagggga agagacaaga gtacgaggcg gactcccagt 240
atggccagaa ctactcctag taaggtttta aatccccga gggacgaaaa ccaaccacgg 300
ggggggggcg ggggaacctg ggggaccc 328

```

```

<210> 2779
<211> 422
<212> DNA
<213> Homo sapiens

```

```

<220>
<223> Genbank Accession No. R08564

```

```

<220>
<221> unsure
<222> (1)..(422)
<223> n = a or c or g or t

```

```

<400> 2779
ttcanaaatc atttttatat tttatttact atthttgctcc acaatttgag tcaaacatgt 60
gatgagagtt ctaacttgat atgtttactt cagtcccaaa catagtcatc tttgggtcttt 120
tctcagattt ggcctaaaac tcgtagtthc attgatthtt ttttttaact agggcattct 180
tctatgttct aggggtcttca agaaacctcc ataccangg aaaaaatngg aanggcaacc 240
atgttctact atgggtgcc aaaaatagggt gaacatcgac atcaaaaangg attctttctg 300
gtctggctta ttcacatatt ctgggtttgg aattaaaagg tgatggaant taccctaaat 360
acggtggggc cctctggtat cctggggggt ccncatccac aantttcaac caacgtgggg 420
tg 422

```

```

<210> 2780
<211> 374
<212> DNA
<213> Homo sapiens

```

```

<220>
<223> Genbank Accession No. R08615

```

```

<220>
<221> unsure
<222> (1)..(374)
<223> n = a or c or g or t

```

```

<400> 2780
acaccagcaa gttttattgag taattaaggt gacagccata gaactttgca aatgcgtttc 60

```

```
cataaaagtt ctgagttact tgactatgaa aagtgaattt tcattttaac caacccccctc 120
ctccaataact accagaaagc atgagattct gaagaaatct tcacaaatct actcttaatt 180
atgggtagca atgttccagt ctcaattagg gttctgctgg ggttctggga gttggggagt 240
gaagtgggct cttgagtggg ctncacgac ttgtggggag gttctcatcc caaacactgg 300
ggagggcctt gaggtcccc actttgtgac cgcaggagac tttaaaggat ggattccaaa 360
cataaatgnc catg 374
```

```
<210> 2781
<211> 294
<212> DNA
<213> Homo sapiens
```

```
<220>
<223> Genbank Accession No. R08850
```

```
<220>
<221> unsure
<222> (1)..(294)
<223> n = a or c or g or t
```

```
<400> 2781
ttccnaaanc aggcagttaa tgtgctgaca tagtaacaag gtttgaagga ggaacatctc 60
atgcacgtgc gtggaaaccc aattgtcatg tgtatgaact acaaaaggat ggggaaaaga 120
acacatttcc tcacaacagg antacatgag attagaaaga aaaccggant gaggtagatg 180
catgantgca cagacaaggn tatgtgacag gaagctgggt gacattttgc atctgacata 240
gcagtacacc tagagagccc aaggaantcc accccaagt taccagaggc aaga 294
```

```
<210> 2782
<211> 348
<212> DNA
<213> Homo sapiens
```

```
<220>
<223> Genbank Accession No. R09053
```

```
<220>
<221> unsure
<222> (1)..(348)
<223> n = a or c or g or t
```

```
<400> 2782
ttnanatgtt tattacagat ttattggggg aggcccaagg agaagaccta tcatcatgtc 60
acgggagctc acgttccata ccaggaaagg agtgttcctg tcaccagggtg aagggggaag 120
ggctcctggga cccggcagtg ggaggcctcg gggaggggtn tcatcagagt cttgaatgga 180
cccagacgct ctcttcccgc caggacagga tgcgtaggag cagagaggaa gcagctttgc 240
tggggaacca ccctgggggc gtttacttga accaaaggct cctggggggc agccagaggg 300
ccaggggagg ttaacacggt gcttcaggct ttcttnttct tggggccc 348
```

```
<210> 2783
<211> 211
<212> DNA
<213> Homo sapiens
```

```
<220>
<223> Genbank Accession No. R10138
```

```
<220>
<221> unsure
<222> (1)..(211)
<223> n = a or c or g or t
```

<400> 2783
tcaatatttta ttgaaatact gaaaaaaaaan tccattttnt tgagaagttc ctggcaagaa 60
ctgacatgac aatatgtatt tcattgatac agtaagaaaa catcaacaag taactgactt 120
cgcactctaa acattgcatg gattcaagtc caaggcagct gcagatctgt gatacaanta 180
atcagncatt agngattgtc tgtttataaa c 211

<210> 2784
<211> 437
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. R10287

<220>
<221> unsure
<222> (1)..(437)
<223> n = a or c or g or t

<400> 2784
cctcaaatat caagaggccc tgaggtaggg tggctccagg aatgcttaag tgagtgtctc 60
tttgacatca ctaagcactt ggcttccatc catcttccaa cctcaccaaa aagggttgtc 120
ctcatgacta caagccggct gacatgggtc caggaatctc gtcataaaca tatgggtgtc 180
tcagcgcaac aagaagacat ctcttcttga actgaagagt gaggggtgaag aaaactttcc 240
ctgaaggcac ctccaccaa agatttttct tcaagattca ctgggacaaa aatacatcac 300
atattcatgc ataaacccaa tcacttgcaa agggggaatc aaattaccca ttaccctaac 360
cattaaactt aattaggggt tttatttctc tngaggctag ggggagatcc cttttccctt 420
gaaggattgg gattttt 437

<210> 2785
<211> 223
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. R10378

<220>
<221> unsure
<222> (1)..(223)
<223> n = a or c or g or t

<400> 2785
ttttttttta acacangtct acatttattt ggtgaatatt gcatatctgc tgtactgaaa 60
gcacattaaa gaacaaaagg caaagtgaga agaataaaag actactcaca acagttatca 120
tgattgagca tggatatgtt cagaatgagt atttttcaaa tcactttaaa caaagctgaa 180
ttgcagaaac gaaagcccaa cagcagcaat taaattacat ttg 223

<210> 2786
<211> 267
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. R10662

<220>
<221> unsure
<222> (1)..(267)
<223> n = a or c or g or t

<400> 2786
agacacatct atttatattat aatccactgt gtataaagga atactatcag aaggcaagta 60
taagtcttaa gtgctaccaa cacttatgtt ggnacacttt gtatatcaca ctttgatata 120
acactttgta tcggnataca gagaaagaag aacacatccc acagtgcata aataaccata 180
tttaacacct ctcaaagact ttgtatagga tcaggcaggt tagccaagct gcagggntat 240
ttcccatctt ctgtggaaat gtttggg 267

<210> 2787
<211> 319
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. R10684

<220>
<221> unsure
<222> (1)..(319)
<223> n = a or c or g or t

<400> 2787
ataaactttt ttgtgtctat gtcataatttc ataattgtttt tcctaaatgc ttaacctagg 60
aaacacatgt gtgcacaccc atgccaaaca cacaaatgaa tttaacagtg tggtttatga 120
aatgaaagca ataatagttt gactcttcag aacctcttca ttgtggccta tgtcaagctc 180
tataatcttt tctcctcaat gggagggcca tgggttaagg ggacagatgg ataaagggtac 240
aagggttttt caattgctta acntgcccc aattttccan ggggttatag ggnatttcnt 300
ccaaaagggg ggtttttgg 319

<210> 2788
<211> 262
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. R12472

<400> 2788
ttattgaaaa ttttattaaa atccttcatt tatcttccag atagtagatt ctattaacca 60
agttgcataa agagttctga ttcccagagg taagaactga gcctggcttt ctagttacat 120
gtttactggg aaccccgctt ttccctataa cacttaagca tatttaaaga atataccctc 180
ccctgcctcc agccagggat tgtaagctcc tcaagagcat ggctgtgtct tttaacatca 240
agggctccag ggtgaggaag ag 262

<210> 2789
<211> 357
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. R12579

<220>
<221> unsure
<222> (1)..(357)
<223> n = a or c or g or t

<400> 2789
tttttgagga ttttgtgtgg ctaatgtgtt ctagaagcag agactccagg gagaaccaga 60
atztatgaag cctcgtgcaa catggngctt tctcaccgag gtcatatgcc tggctgctgc 120
tgttccactc agctccatga gccacgtttg ttattttatg tttcttctgt gcttttgctc 180
atttccaccc catgtgttta tagacctttt ttcagccctt tttctttggt cctttccctc 240

atcttttttgc ctcaggtagg aatccatcag ttttctccc cctccaaatg actgtgtacc 300
cccagctgct cagggacttt gggaggtggg ggggcggggc tgggggggat ctacccc 357

<210> 2790
<211> 469
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. R15740

<220>
<221> unsure
<222> (1)..(469)
<223> n = a or c or g or t

<400> 2790
tttttttttt tttttttttt ttttattgca ctcttttatt tacagaaaac acagataaag 60
catittcaatt tcaatgttca tttagcaaac tganccactc tttttttttc tttttggcac 120
aaagaaatat cacagatgga ccccgagatc aatcagaagc tcataagatt catcagtcac 180
cactggtcca ggggcggcca cgagactcag acagacagac agcatcacca cagactggaa 240
acagaaacag gtccacgttc acctcacagt aaaaacctgc ctcaccgaca gcaaagggcg 300
ggcaggaggg ggcagtttcg ctgctctaag ggggggaaatg ggcgtcaggg gcaggaggca 360
gggntgggga aaggntggac accnttcata atttagagac aagtggtcct cttgtttgta 420
tcctcttacc ttgattagta agacagtgca aaaactagnt acccgcca 469

<210> 2791
<211> 224
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. R15825

<220>
<221> unsure
<222> (1)..(224)
<223> n = a or c or g or t

<400> 2791
tttttttttt ttttttttaa gagtcagtat ttattctgat taatatttta caaaattttg 60
acatttaatt tatgtaagga gggctaattt attaaacact ttacagggtt ttctttccac 120
agaataacac ggtaagtagc aaaataatac ttggcacagt tataaataaa gaaaatataa 180
aataaaaaca tcntagctt aagtacaatg atgctgtttt acgc 224

<210> 2792
<211> 401
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. R16098

<220>
<221> unsure
<222> (1)..(401)
<223> n = a or c or g or t

<400> 2792
ttttccatca totcatcatt taataaatat ttattgagga cctactaagt gccagcactc 60
tgctaggcat ggggatcaga tggcgaataa aaaaatacag tgcttgcttg taaagatac 120

```

ccaggccagt cggggagggt ggtccctcct ggaggngaag caaagtccag actcagagag 180
ggcatgcatg cacctgggtg aagaggagga ggggtggaggc agaggccagg cacacctcac 240
ccccggagct gagagcagaa atntcttcat tcttcaagga ntctctgagg acgtgctgca 300
cagctgggaa atgccaacaa gcagatccng ctttgnaccc tccaagcttt catctttctt 360
gtccctcaaa ctcttcatgt nttgggacat tgggcaccca a 401

```

```

<210> 2793
<211> 417
<212> DNA
<213> Homo sapiens

```

```

<220>
<223> Genbank Accession No. R16144

```

```

<220>
<221> unsure
<222> (1)..(417)
<223> n = a or c or g or t

```

```

<400> 2793
ttttttttta agttttccaa taatttaatc aatgcaaata tacacatana cacattctct 60
acatcaatag tattcaacag tttttatcaa aaggagaaaa ttttgatttt ataaaggcag 120
tgganataaaa aaacagtaat tattaagttt tgctcaagga ccatctagaa ggaaaattta 180
gtgacacatc tgaaataaagc aactgatggc cagcctagcc ttattaagta acacatattc 240
aaattgtaga tctccccctc ctatcttcca ccccatagct aagaaaggaa acccagggat 300
agaactaatt gaactctatt agccagggga atcgaaccca gtgccaatag agagatggnc 360
tccaattag tcttcaaatg ggacaaagtc ataacactgg ttttctttcg atgttgg 417

```

```

<210> 2794
<211> 382
<212> DNA
<213> Homo sapiens

```

```

<220>
<223> Genbank Accession No. R17762

```

```

<220>
<221> unsure
<222> (1)..(382)
<223> n = a or c or g or t

```

```

<400> 2794
tttttttttt ttttttttgg cacacagaac cangtttatt tctcatgaat ttataggacc 60
acatgtcagc acagagcaaa tggtagaagt gcagatggct ggggtgaggg cgggggctct 120
gctgctgcct tctcttctct ccagctgcct gagtactggc acacagcggg cagtgaatct 180
gaggagctgt ggctcacag tcgctgcagg ctgagcagaa aggagggcca ggggaggtta 240
gantcactcc tgcaggagcg ggttggtgat gaagggtggt ggggaactcg gtctctctgg 300
gatgaagtca cccctccttc ctgggcccgt ccccagccn tccccacctg ggccagctag 360
ctgggggttc ctgcagcagc gg 382

```

```

<210> 2795
<211> 388
<212> DNA
<213> Homo sapiens

```

```

<220>
<223> Genbank Accession No. R19808

```

```

<220>
<221> unsure
<222> (1)..(388)

```

<223> n = a or c or g or t

<400> 2795

```
tgtttgctct tgacagggtg ggcctcttaa aagaaaaaaa aacaacttgt tttttcttta 60
tgaatcccct atgccaaaca cataccttcc atgcatgaca tgagatctgc aaactggatt 120
ttagccaccg tattttattta gtcaaaaaaa ttgtccattg tagcagaccc gaaaaccttt 180
ttgctgtgac atgaaaccat gttattctta tcttcttaaa acacagcctg ggatggaatg 240
gccatggcat ttttttcaga gaacatcctt tatctgctat gactgaatcc ttagggtaat 300
gtaagctata accctttgat tttcaaggaa ctaccgaata agtntatgaa gaggtgggtt 360
ttttaaaact ttcangttgg gaattttt 388
```

<210> 2796

<211> 403

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. R20817

<220>

<221> unsure

<222> (1)..(403)

<223> n = a or c or g or t

<400> 2796

```
tttttttatt agttattttg cttttaataa agtaaagtga atgacaggag tagggaggng 60
acaaacacat caatatatat ttttcttatg gnnagnttnt ttaaantgta cccgggggtca 120
acaatcacgc cagctttggt ctactattgc agaaacacgc ttttcatatt cccgtttggt 180
ctcctgggac agctgagcag cctggctggt tgctggacta ttgggattgg gttcanccaa 240
cagagactgt atggatgtta gaatggaaga cacatcatag gttggactcc aacggttctg 300
aagtatgtcc cagaccatat actacccatc tgcattaggac catttgggat ggggaccatc 360
ttagggagacc aatctaacct gtagggnggg ttttattttg gga 403
```

<210> 2797

<211> 365

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. R21232

<220>

<221> unsure

<222> (1)..(365)

<223> n = a or c or g or t

<400> 2797

```
aacatgaagt gagctcactt ttaatggcac agaaaaccaa taacgtattt tgagcagctt 60
tgatgaaaaa catcaaagaa ataaacctca gacacccaaa tgatctaaac acaaagacaa 120
gaggtttcag aatagtgtat aagaaatcca gtaagatgaa caactaggac ctactggaaa 180
ttaaaacagt tttaaaaaaa aatccggcca ggggtgtggg gaagagagca ggacaccttt 240
gtctttgttc cttaatcttt aggaggcaac acattcagtt ttttcaatat ggtgttaggc 300
tgtagggttt ttccatatat gccctttatc ngggggtagg agttttcctt cttattttccc 360
cgttt 365
```

<210> 2798

<211> 485

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. R22196

<220>

<221> unsure

<222> (1)..(485)

<223> n = a or c or g or t

<400> 2798

```
tagaatcaca ancccaaaat atttattttg ttctttttca tatgacactg ttaaaacatt 60
cctactacag caatactgct ctccaggagc ttacaatcta aaacagtcaa cattaattgt 120
agaccagta attaaggcat tatatcaaat gcagactttg tatctttttt ttttttttga 180
gacggagttt tgctcttgct gccaggctg gagtgcaatg gcgccatctt ggctcactgc 240
aacctccgcc tcttgggttc aagcgattct cctgcctcag cctcccgagt agctgggatt 300
acaggcatgc accaccatgc ccagctaatt tttgtatttt tagtagagat ggggtttcac 360
cacattggcc aggntgggtct caaactcctg acctcagggtg atctgcaccc ccgnttgggc 420
tcccaaagtg tgtgagccac tgtgcccagc ccagcctcgt tccgaattnt tggggctnga 480
gggca 485
```

<210> 2799

<211> 267

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. R22565

<220>

<221> unsure

<222> (1)..(267)

<223> n = a or c or g or t

<400> 2799

```
ttcanctcct tttattgaca gaaatagaaa tttgtgctgc agaggcagta gtacctcaga 60
gcatgagaag gtagtcaatg gggctgacat gacaagccac aatgctggcc aggggtccta 120
ccatagtggg agaaccaaaa ccacaaaaat agcaggagggt agcaaacatc cccaacaccc 180
agtgtaaagca tttccatttg cagagagctt ggccatgcat ctttaaaaaac ggggtcccct 240
tcacagctgg gcagggtatc atgtcag 267
```

<210> 2800

<211> 298

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. R22905

<220>

<221> unsure

<222> (1)..(298)

<223> n = a or c or g or t

<400> 2800

```
atttggaact ttgaatatatt tagtatattt ttctttatat ttaacagcat gggactatta 60
atagggccca taccagagca gacacaattt acaactgcaa gttttaccca tgaattatgt 120
gacaaaaatct ttttgaatat aaaataacca gcatttctat aaaacactgc tttttaatta 180
tgcaattaaa gngatatagc aaaataagga cgtttttatt tctaaagnaa atatttttagg 240
ncaaagtgtg atcagggnaa tccaagggat ttctttggcc atttttcagga ggggggttt 298
```

<210> 2801

<211> 218

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. R24507

<400> 2801

```
taacaagtaa aaacctgcaa actcttttatt aaattctccc atttcatctg tacagaaaaa 60
aatgcacatt atgttcagaa catatctcag taacatctca aaattacaca gcatgaacat 120
gtaaaaacaa gggaccacca cgattttata catagaaagg aaaccattt acaaaagagg 180
cttggttaatt gtattttttt ctttctttca aaaacaaa 218
```

<210> 2802

<211> 468

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. R26706

<220>

<221> unsure

<222> (1)..(468)

<223> n = a or c or g or t

<400> 2802

```
tataaaaaat ttattgagat gatgtaatta taggcttttc tttaaaaatt atttgcaact 60
cactggccct gagaaaaggc attttttttg tttttttttt tcttttttgt tacattcatt 120
tgattcagtc ccttataaac cccacacctc ataaacaaga gattagaaac taaacaaaaa 180
ggggggcggg gaaggaaatt ctagagtcgt tctgggtttg cagggtgggtt gcgggtcaca 240
aagaggaaat catcaaggaa tgttcacttg ggcagtgtg gaaaggattc aggggggggnc 300
tgcagctgtt taggtgtttg atgcagttgg gggccaaaag ngatatcaggg ttagnccctc 360
tgtggggggt ttaggggagg ggattatggg gggccctccc ntccccaccc ccactggggc 420
tncccttntt gtcncagcc cttttatttc ctactcccga gnggggggt 468
```

<210> 2803

<211> 346

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. R26744

<220>

<221> unsure

<222> (1)..(346)

<223> n = a or c or g or t

<400> 2803

```
acatttttct aaagaaatat ttaattggta gtcttctaga aagaaggctt ttcatatagt 60
acaaaaacat gcagtcggaa gcactgagaa aactgggcaa cataagagaa gcatgagatg 120
tgacatgaag cagctgatag tctatgtaag tcaaaaataa aattctaagc acacaaccaa 180
ctgaatcgac ctttcactt ggccaagagc attctaaagt aaacctgaaa cactagctca 240
ggccatgatg gggaatgggg tgggtcagac atacntcat tataccnttc cctctctttg 300
gggaattcag ggcacagtgg gaccacagcat ttaaccattt aaaaca 346
```

<210> 2804

<211> 177

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. R26904

<220>

<221> unsure

<222> (1)..(177)

<223> n = a or c or g or t

<400> 2804

aanatttgaa aacttttatt ttctcaaag agcaccaaca cagattggaa atatgacaga 60
aaccaatgcac ttttctctaa tactgaatca ctatgtacaa atacaggaaa aggtgaagac 120
aaattatttg aaaacaatta cctttgttat aggaagcaaa gtgacctgga aaaatgc 177

<210> 2805

<211> 354

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. R27016

<220>

<221> unsure

<222> (1)..(354)

<223> n = a or c or g or t

<400> 2805

gngaacgtca ccggtttacc ttcacgtggc cattctcctg tccgttcgct ttggaaggcn 60
cgaggcacag cgnctcccca ggctctccg cggcggttc tcccttcgct gcggtcttg 120
agaactgggc acccatgctg gcttcttcaa caaagaaact caacagatcc aagaggggaa 180
aagaagagcc tcgggttggt gtaacgacgg ggcgagcagc aagcagcggc ggcggcaaca 240
agcggcaggg ccacacacac cggagggagg gggggttggg ggttggtnga aaaggncaag 300
aacagaaccc attttaatta cactcccga ttaaaaaatt ttttagttcc gagg 354

<210> 2806

<211> 224

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. R27296

<220>

<221> unsure

<222> (1)..(224)

<223> n = a or c or g or t

<400> 2806

tcagaaagaa agaagtcaaa ttttatttgt ttgtagatga catgaccttc tgtaaagaaa 60
atcacaaaga gtcagccaaa atgcaactgg aactaacaaa cacattcagt ttatttgcag 120
antagantaa cagcaccaaa anttagttga atttccatac attaacaata aatantttta 180
aangaaantt aaaaaccant tccatttgct aaagaactta aagt 224

<210> 2807

<211> 253

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. R27432

<220>

<221> unsure
 <222> (1)..(253)
 <223> n = a or c or g or t

<400> 2807
 aaagaataaa aacattttatt ttaaaaatac catttagcat caattgcccc aagtttggca 60
 ggcatgaaga gtgggcagtt catgttttat tagtatataa aattggcttt acaggaagca 120
 ttatggcaaa aaaatgaata cttattatga aaactgaaaa agagaagtga gtagtaagct 180
 actatcagan cgtaaaggct aagaaaatgt cactntgcaa tgaaaacat ctcctcctct 240
 aatanggtac taa 253

<210> 2808
 <211> 463
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. R28636

<220>
 <221> unsure
 <222> (1)..(463)
 <223> n = a or c or g or t

<400> 2808
 gcgagacaaa gtcctttatt agaaaatata tcaaaatccc agccccctga gccaggacca 60
 gaagagggag ctattccagc ataggcagaa aatgcccagg gaggggnttc cttcaccaaa 120
 caanttccc ggaaccataa ntagattaan tnttcacaga ggtccgagga gaagccagnt 180
 cantcttctc tccatggaag agggaggggn ttgggggtcca gccctgntcc tactntaggg 240
 gcagggantc ctagggantc gtcacataaa ntcagacat caaggtttca cagtcataag 300
 ccctacaggg agaccctagg agagagggga cccctgaggg tnttacaggg agcccagttt 360
 ccagttccag gcagttnagg gggagngggc cccttaccct ctaggcacgg gcaccagagt 420
 tttcagtttt cccttnacat cccttttgng gaacgttnag ggg 463

<210> 2809
 <211> 311
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. R30931

<220>
 <221> unsure
 <222> (1)..(311)
 <223> n = a or c or g or t

<400> 2809
 ttttttaggac anangggact ctgttttaat aagcagctta tagatttttag caaaccatat 60
 tnccnatgac antgggttct cananaggtc tgcagttcaa aatccaagtt tgaaatctgg 120
 gacggaaggc attctggaaa acggagaatc taataaaatc aatgacgtct catgttcgat 180
 gctggctgtc acggaagggc tgggccatct gttgggtctg aggtgtaggc tgggtctcgt 240
 gaatcccact cgggtacana atcggctaaa cactaaaaca tgttcaaggc aaaggtagat 300
 gggggcncca g 311

<210> 2810
 <211> 301
 <212> DNA
 <213> Homo sapiens

<220>

<223> Genbank Accession No. R31104

<220>

<221> unsure

<222> (1)..(301)

<223> n = a or c or g or t

<400> 2810

```
ttttaaatat acaattttct ttattaaaaa taatttacag catcagtaac atatacacia 60
ttgtcatcaa ctgaactttg cctccaatat atttctatac aatacttaac attattganc 120
ttaaaaactgt tacactgttt tgttggtttt aaataataga caatgatttt ngctctattac 180
ttaggngata ggncaaagggt gattactttg gttacttagg ngaggatata tgggnttcat 240
ggcccccata ttatggggta aaattgatgg gaacggtcng gcaatatcnc tctttngggg 300
g 301
```

<210> 2811

<211> 468

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. R31107

<220>

<221> unsure

<222> (1)..(468)

<223> n = a or c or g or t

<400> 2811

```
catctctcct tttttctttg gactttcctg agaccccctc tccttggcca gccggtgtct 60
gcatcttgca gctctttcag ctgtaatcca ctgttattat aaggagccct gttgctgtgg 120
tggttaaggag tggggaaggg aagcattcca ttttcttagg attacatctc aatcttttgg 180
ntgggcctat gttgctgtac tgtgaccttt acaaagtgtt cttaaccttt ttcctccttc 240
cttaggttga cacagggaat ctaggagggt gactcgagtc agaggaaacta tcttctcccc 300
aggatggggg ataaggactc tggggtaaaag gcccttttcc ntggggagag gtaaggctct 360
taatcatagg ggggaacatt tctgaggcg cactttcaaa gggcatttac ntttccccct 420
ncccttttnc agagccnggg ggggaagggt ntatcttngg ggtctttt 468
```

<210> 2812

<211> 241

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. R31607

<220>

<221> unsure

<222> (1)..(241)

<223> n = a or c or g or t

<400> 2812

```
aatgtttaat ctttccaatt aaatacttcc attccataaa cttcagaacc aaagtttagat 60
accaacaaga gactgaagat aaatacagtg tcaatagtat caagggacta gcccatataa 120
tatacttgaa aatcgatta atcaccaata aagtacccca ccataaacia aatacacant 180
aaaangtcaa ggatacaatt aaagacaggc caacatatga ggtggaccat tgacaggagn 240
g 241
```

<210> 2813

<211> 484

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. R31641

<220>

<221> unsure

<222> (1)..(484)

<223> n = a or c or g or t

<400> 2813

```
cgttgttttg gctcttataa ttaggtcctg agattttata aaaatttagt ctgtagcttt 60
ttaggttctt cactagagtt ggttgtagat aataataaag aatataaagt atcccaaaat 120
tcttttaaaag tctggatttt tccgctaata tgtacttttag agaattttt gttcatgcat 180
acttccacgt taaattgaaa atgtcttcag cttctcttggt gtaaattgtga accatttggt 240
ttttattgtg cttgggggga gaggggtatt ttaataataat ttttgcccta aatcaaggag 300
tccccctctg gaatgttaaa ttttaaagt ccaaaatatg gnggacggat atatcttnga 360
agtgaggatt gccanatgcn ttaaactnta gtnggggttt ttnccaaaac ggnggaaatt 420
cngggggnnt ttgtccttg gaggcncccc ntggggggga attgtagggg gcntcggttt 480
ttgg
```

<210> 2814

<211> 340

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. R31917

<220>

<221> unsure

<222> (1)..(340)

<223> n = a or c or g or t

<400> 2814

```
gacaatgcta atgagtattt tattgggccg ggagcatgac atctttactg cttatcaata 60
tagtnccttta tcaaaaganc ttttaataaaa gcaaagtgca gaacagtata tacagtaagt 120
ncctatttgt gtaaaataag aaagctacat ttatttctac ctacacagaa aattacaata 180
caaggacatc taaggacatt ccaagtaggt ctgtggtaat gatgggaaaa atgaggacag 240
ggctagggga aaaaaactta cttttgctaa tctactcttt ggggtactgt ttggaatagg 300
tattttcnat aatgtttgtg gaattacttt nccagggtaa 340
```

<210> 2815

<211> 462

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. R32036

<220>

<221> unsure

<222> (1)..(462)

<223> n = a or c or g or t

<400> 2815

```
tcagtttacg gttgttggtg catttccttt cacatacagt gacacagagg gagttcataa 60
agttagaaaa caaggatgac caaagaagca gctgagtgtt ctagacaaaac caacgatagg 120
agggagtggg ggaggacgaa caatttaagc agcagagaag ctcccagcaa acaggaacag 180
tctacaaagn tcagacaggc aaacaacatc ctgaaggaag aggaagcaca ttttntgggc 240
acaggccatt tcccattgtc tttgatggga tctcttggga accacacttc cattctgctt 300
```

tacactttgc taggaggaaa gttcaggggtg atccaaagtc tcaggaaaca ctccttactt 360
 nggggttttt tcccnactta ggggtctttac ggggtgttgc cctttttnaa ggnccctggca 420
 aatttcaggg gnccagacag ttcgtntctg caggcattaa at 462

<210> 2816
 <211> 464
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. R32440

<220>
 <221> unsure
 <222> (1)..(464)
 <223> n = a or c or g or t

<400> 2816
 ggtagganca gaatacttta ataagatacc agtgtcaaaa tacattncct tataaagtta 60
 agcncccata cagttataat gttgtcagta ggaattcgac aatataataa cgctcatgaa 120
 atcgttacgt tgacaggtag ggtaaatatg aagcttgga tattttccag tgttttaggt 180
 aaaactgcc aaggntaaaa tgcccttaat gccggggcaa cacacacagg gaaatcaaat 240
 accaggcatt tacacgtcgt aaacccttca agttctggcc acccgtgtgg ggggtaatgg 300
 ccgtgcggt taaaatatgg attttacggn aacaccatgg actaggggaa tttccttcat 360
 agggaacttt aaattttctt tttgganggc tattttctct gtttttgggg gcattaggtc 420
 ttttcggggg tttnactaan aggttggggg ccntgtggt tttt 464

<210> 2817
 <211> 363
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. R32490

<220>
 <221> unsure
 <222> (1)..(363)
 <223> n = a or c or g or t

<400> 2817
 aacattttaag ttntgctttt attaaataca aaagcaaaat aagctctaag gagtaaggta 60
 gggctactta agggcgtttt ctgtggacag cggacacagc accattaagg ttagcttaga 120
 tttgaacaaa ccatgagcag acagctaact acatgttatg tttctcttag tagttttagg 180
 ggtctgccca gtaatcaaga aattttactt ctccagaata catgaacatg ggggaccna 240
 aggaaatgta aatatttcgg aaaaagcacc tacaccaatt aaaatgagga cggcaatcct 300
 tatgcagggg ccaggatggt ctnccccatc ttaccaattg tggccatttt accnaatttn 360
 att 363

<210> 2818
 <211> 195
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. R33146

<220>
 <221> unsure
 <222> (1)..(195)
 <223> n = a or c or g or t

<400> 2818
 atatcaagtg tnttttattt tcacaaatat tttaaaatgc agctaccttt gagccacaaa 60
 aggaaaaagc agtattcctt ttatgtattt gatacaaata ttaaacataa ctcagtttta 120
 gttcattagc tcagctcagt gaaaatagct caggaaaaaa aagtcatagg taatgctatt 180
 ggtatatgca ggaaa 195

<210> 2819
 <211> 348
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. R33498

<220>
 <221> unsure
 <222> (1)..(348)
 <223> n = a or c or g or t

<400> 2819
 nctttttaat aatttcagaa taaagtctca tttcagtgc gtgggctggg tgggtggggga 60
 gaggggtgaa agccccactt gggccccga ggggtccattg agccctctca ggccagctcc 120
 aggaatcctg ggcttgggtc acagagcaga gttgcttgca gggtcctagt ggccatcggg 180
 ctggggcagg acatcatctc tcagaggggtc agaggctcag agctgggtgc agctcagcag 240
 gtcacggccc tccaccagct ctgggttctc ccgcatcatg tgggtgggct gctttttccc 300
 ccaccagggg cctnagctcc agcagctnng tggggtnagc ttagcaac 348

<210> 2820
 <211> 410
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. R34133

<220>
 <221> unsure
 <222> (1)..(410)
 <223> n = a or c or g or t

<400> 2820
 taatagggaa tatttatcac agctatacat ttattcatca tttaattccc atttatttat 60
 tcattaattt attcaaacac ttcttaagca tgcaccatgt gtcatgccca tcttagaggc 120
 caaaaaggtt ctaaaactat tacttgtgga cagaaaaaga gacccatata catgtaggca 180
 ttatgtctta ttgggaattc agagcaggaa gagaacacat ctgggctggg ggcaggatga 240
 gggaaggacc tgataaattt tctattgaac aattactcta aataagtgtg ctttcttttag 300
 gatgggtagg gntttggacc ccggggnttc aagattacng gggattttga gtccaaagt 360
 ttgggcccc ttggggggga aatcctgccca tttttgccg ggtcctgggg 410

<210> 2821
 <211> 348
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. R34362

<220>
 <221> unsure
 <222> (1)..(348)

<223> n = a or c or g or t

<400> 2821
agaaagaaan aacttttggt ttattatatt tatatttatg gtatatccaa gctgaaaaaa 60
gtattcatca tatattagtc aacaagaagg aaaatgtata ggaaaaatct cattcacttt 120
ttaggagaga gccacaact gtctaact ttcactttgt gggttaaaac cacaccctca 180
ttgctttata aatctaaggc ttggctaaaa aacaaacaaa tgttggggcc acacaattgc 240
tcctactttt actccctccc ttgtgtggat ggatatggca ggctttttta cctggcctcc 300
actttccctt aaatggatcc cctgggccat cctaaaaatt atatattt 348

<210> 2822

<211> 329

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. R36109

<220>

<221> unsure

<222> (1)..(329)

<223> n = a or c or g or t

<400> 2822
gttactacaa ancatatttt attacaaagc actaaataca atgcggataa tcccagactc 60
aagacgtaat tattccaaca catatcctcc agcagaagca gtttccgagg ggaaaaccga 120
agcctatgcc ttccttcttc cagggttacg aagcggccct tgcccctgta ggcttcgtcc 180
ttaggggttc cgtcatgaag gntaatcagg aagggtttct ttttcagccc aaagacggnt 240
gacgantaaa gccatttcag gtgacagctg ggaaggggca ctgcaggaag gacaaaaatg 300
taccnatagc gtagggggcac ttccccaac 329

<210> 2823

<211> 320

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. R36228

<220>

<221> unsure

<222> (1)..(320)

<223> n = a or c or g or t

<400> 2823
aaggtagcct tttattctga ttaattaaga tacatcttta agggttattc tgggtggaag 60
aacattttatc ttgacttatg ttttaatttt ttaatgcttt ggcagatgaa gtaacatttg 120
aaaactggtt gtgaaaatag tatgagactg gaaagattac gtcgtgggta aaagtttcac 180
agttttccag ggtatttcct tatactgaag aggccttgag gcaaattcaa cattctggga 240
agcccagact gacaaaggca aaacaggatt ttgatgttgc ctttgttggg gccnggggaa 300
tgatgctgct gcttggccag 320

<210> 2824

<211> 329

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. R36947

<220>

<221> unsure
 <222> (1)..(329)
 <223> n = a or c or g or t

<400> 2824
 tttttttttg actgtgcatg atgtttatta gtgatgacag tgagggtgagg cagggnccttn 60
 tggagatgct ctgtaggtca cacactagag ccataaggaa gagtagccgg ggagacaggt 120
 cctctgtgcc ctgtctctcc ccacttaacc ctaacctaac aagcggcact antgagtcag 180
 ggaacaaagt ctggagcccc gttctccaaa gatgtatgag ggacaagaac agaantgaca 240
 ggntgcaggg caaaagantg agaaaggcaa ggaggccccc ctaagttctc ttgctacaca 300
 tgccctnctt tccccaaacc cccattcag 329

<210> 2825
 <211> 321
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. R36989

<220>
 <221> unsure
 <222> (1)..(321)
 <223> n = a or c or g or t

<400> 2825
 tttttttttt tttttaannt tttataagt tttattaaat caaggaccgg ttagatagat 60
 gatgggctaa ggaagggtggg ggaatncaga gctcactgcc ctgtgggtct ctgtggggcc 120
 ancccctgaa tgcccatgtg gccactgatg cccagcttcc cccaacanc ccaacacaggc 180
 ccaggncaat attacaaaag tgaacaaatg caaccttttt ctgcttttac aaatgacatg 240
 tctccatccc cggccagcag gggtagggga ggccggttga aagtgacact ccgttaaaaa 300
 ggcaacaant tttntaaaat g 321

<210> 2826
 <211> 396
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. R37128

<220>
 <221> unsure
 <222> (1)..(396)
 <223> n = a or c or g or t

<400> 2826
 tttttttttt nctgccaaaa gcctttaata tgccctggnc ccaggctgtn ttcataaaaa 60
 gcggacacag cagtgtcttc aacttcaatg gttcccagg tcaagggttc tcccagcgga 120
 ggtgggaggg caagccctca cacctggcac ccctgaagtg catactcctg gaggaagtcg 180
 ttgagctggg acaggctgcc cgntggcgtn gctccggaca aggctttcag agggcatntc 240
 ctcgatccag ctattcgagt ccagcaggta ctgggggttt ccctcgagg cataggtggc 300
 cccatntaga cccatgatca aatattcttt cccaggttcc aagcgaaggg gccaggagg 360
 tcgaaccagg nanttncgca tctgattagc agcggc 396

<210> 2827
 <211> 296
 <212> DNA
 <213> Homo sapiens

<220>

<223> Genbank Accession No. R38076

<220>

<221> unsure

<222> (1)..(296)

<223> n = a or c or g or t

<400> 2827

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tttttttttt ttccgaagat tgtttggaat ttattctctt aaataagaat gtaacatttg 60
ttaaaaaaaaa aattaaaagc acgacaactt ggtttcacag tcaacggcaa aaacaaagtt 120
acacanttaa ataaaaactc acaaagaaac acaccaagaa ctcaacaagag cacaagttaa 180
aaacaaaggc aaaantggaa gtggagagaa ggcgggcagt agacaggcag cagtggcgtg 240
ttccttgcca cagctaatac tctcctgttg gggctctcgt accgccgccg ggaagc 296
```

<210> 2828

<211> 257

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. R38185

<220>

<221> unsure

<222> (1)..(257)

<223> n = a or c or g or t

<400> 2828

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tttttttttt tttttctggt tttccttttt atttaatcaa aggacctggn gaataaacat 60
aaatacanna caattacttc aggatcattc ttcattattgt atacacacaa acccatgaac 120
ataatctgaa agaaacctgt aagacaagca atgaaatgca tacagctttt tcttccctcg 180
ctcaaaaaaa agtttaaaca cacaactta caatctcatc agcacacact ctcttgtgac 240
aatgattca ggcataa 257
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<210> 2829

<211> 429

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. R38239

<220>

<221> unsure

<222> (1)..(429)

<223> n = a or c or g or t

<400> 2829

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aganaattnn ttttattcag cctgatatag atcatttatg aaaaactaac agcaaacatc 60
atcctcaatg gtaaaaggct gaaggatttt tctctaaggt taggaacaag gcaaagcct 120
gctcttgcca ctctattcag catagtgtg ggagttctag acagagcagt taggcaagga 180
aaaggaaatc taagggcac caaattggga aaggaggga aggtaaaatt atctctgttt 240
ggccaatgga tatggatttt atatggtatg gaataggaaa acccttaaag gattccnccc 300
aggggccngg ggnccgggtg ggcctcacgg cttttttaat tccccagcac tttgggggga 360
ggggcccagg gtgggggngg ggtttgcttt gaggnccag ggggggttcc aggacttggc 420
cggggggggg 429
```

<210> 2830

<211> 476

<212> DNA

<213> Homo sapiens

<220>
<223> Genbank Accession No. R38280

<220>
<221> unsure
<222> (1)..(476)
<223> n = a or c or g or t

<400> 2830
tttttttttt tttttttttt taagtgtgga aatgtttatt aactngtggn ggaaactgaa 60
ctgaanccaa cctgatcacc tcctcagaga ctcagcattg tgaattgccc ctacagggtca 120
tttttataca gcatgaagta gccctgcacc tgggaagact gatctggttt gtagctcgaa 180
ggacatgttc tgcaaagttc tcagctaagg aaggtcctgc cctggataga acctctggaa 240
catctgggtc agctgccagt gtgagcagta gccacgtac tccttcagggt ccactcgccc 300
cgggntatca gggcagggtc agcctgtcaa cgtggttggt ggtcatgaac acgatgcggg 360
gcntcggtn gaagccacac catccnaggc atttagcagt ccacttnagg gttaggcnac 420
ctagggcttt ggnactttan ttggggtnnt cacagccnag ttcgantta ggnaag 476

<210> 2831
<211> 304
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. R38511

<220>
<221> unsure
<222> (1)..(304)
<223> n = a or c or g or t

<400> 2831
tttttttttt ttttttctta gtattaaatt ttattttaaa atgttaaaaa catgattagg 60
naaaaattcc cactctaccc atcccccaa tatctataga acaggattca gagcagtatt 120
tgtcaatggt tgcctaggat gatcaggatg tttgaaccac tgggagtttt ctttaaactg 180
tgtatttctg ggtctactcc agatctacct aatcagaatc tctgagggtg gngtctacaa 240
ctgattttta aaaaacgntc ccgggggattg tttttatact aaaatttgag agctactggg 300
ttta 304

<210> 2832
<211> 401
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. R38709

<220>
<221> unsure
<222> (1)..(401)
<223> n = a or c or g or t

<400> 2832
tttttttttt tttttttgat ttctcaacat caaagttaa ttattacaaa atagttcaag 60
caacatgata tgannttcaa aaactgtatg ttgcttngct tcctngtttt gctccaacac 120
taatcatgct gaggtttttg aagcacagct atgactaggg caggcactct tgatttcagt 180
cacaaaaacc cttcttgat gaacaatact tgttcttttc agaagaaaag caattttacc 240
ttttctattt ctattatgaa aaacagagct aaacaatttt tgtattttta gtagagacag 300
ggccccacca cgctggccac gntgggtctc ganctccttt caagntgttc tgccctgccc 360
ggcctnccaa agtgccgggg nctacaggat ntgaggncac c 401

<210> 2833
<211> 399
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. R39191

<220>
<221> unsure
<222> (1) .. (399)
<223> n = a or c or g or t

<400> 2833
tttttttttt ttttttcaat caagntttta atgaaaagat cataaaataa cagttttctta 60
tccgctgtac atttaagact gcacacttct gaatggagag atcagtcggt ggtgaattgc 120
ttttctatga cactgggcag ctntntagct caagctctga cctganttta tacaaactct 180
caagggacat gaactcaatn tgacaagtga cagcggcggg ggccagtaca ggagtgcgat 240
cccggnttcc ctccccctt ntgggaaggg cataaaacaa aacatgatcc ctnttccagt 300
tccaattaaa caaacagct ntaaccccnt ccctncccn tcccnttcga gggnttttgc 360
gaggaattga gccagtgcc aacctggggg tccccccg 399

<210> 2834
<211> 347
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. R39234

<220>
<221> unsure
<222> (1) .. (347)
<223> n = a or c or g or t

<400> 2834
tttttttttt caagggaag atgaccgnct ttttattaaa ggttaacacc aacggaaaga 60
attgagaagg aatacacaaa agganggggg agggacacaa agtcaccact tnaggagggtg 120
gaagggcggc acatcagtaa aagaacctca ggacagccac atgctccatg ccctggttgg 180
gggaagaggg agagaaaagc gccattgata gcttgagct cgtagaaggg tctnaagccc 240
ctgaacctaa caccagagcc acaagccctg cccctgaggn ttcacacant actacacaan 300
tagacacacn taacacacac aagacntttt gaaggcaaca cccgaga 347

<210> 2835
<211> 331
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. R39238

<400> 2835
tttttttttt gtaaagacag atatatttat ttcatatgac agcacgtttc acaggatatg 60
tacagaatgt ctgtgtacca ctgactttaa tactgtactt ctataaagtt tatagttata 120
aatattgtat gccacataag caataaaatt cttacatata aacagcaatc taatatagag 180
aacacagagt tcacaaagag atccttagtg tctaacttct gctctgcttt taacagaact 240
agtaaattatt taataatata tagggtaatg gctagttatt tgcagcatac ctttaacttt 300
cataactttg tgcattttca gcaacttgcc c 331

<210> 2836

<211> 396
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. R39390

<220>
<221> unsure
<222> (1)..(396)
<223> n = a or c or g or t

<400> 2836
ctgaaactgt cggaatatat ggggtcttgaa attcagaaga tgatagtcac tcttcccata 60
tttataggct attaaggcaa gggatatctt aaacatcata ttactttatt tagatttcta 120
ctactccaat tattaatggt atgtatttct cattgtttta cttcttcatg gtattatgaa 180
gactatatag atgattcaac caagcctgca aatctccctc ttgtgggaat tccactggga 240
cccaatctgt tttccatttc cattgcaata ctactaaagc catacaatat caaggcacc 300
tccctctagg gtccggggga cttatcacag gaggaggcag ggcatgttag gggttttagg 360
actgggtttc ggggggggtcg agtgtagggg gnaaac 396

<210> 2837
<211> 262
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. R39610

<220>
<221> unsure
<222> (1)..(262)
<223> n = a or c or g or t

<400> 2837
tttttttttt tgcattgggt aaccctttat ttttatttaa caagtacatt tggaatgaag 60
ataaggcaac aatggcaaaa tttctataat gttgctagca ttttcccaag gttaaagccag 120
ggaacaaact tgtgtccttt ctataagaac ttctaagtga tgtccctct aactccatgg 180
acagacacta gtggtngtga agttcataaa gttttgaagg tggcaaacag cttattttgt 240
cctttatcat aattggntta ca 262

<210> 2838
<211> 450
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. R40057

<220>
<221> unsure
<222> (1)..(450)
<223> n = a or c or g or t

<400> 2838
ttttttttgt tttccaagtt cctttttatt caaatgaatc agaactgcaa tctgcacatg 60
aaaagacctg gggggaatgc ctacatctgg aatttcatta catcaacggt aaattttgtc 120
cgaccagttc ttcatgtctg atcacttttg ataatgacag atccaacatg aaactcctga 180
agcaaatgaa tattttacctt gtgctttcat gcaaatttag ggaccaaact caaagggttc 240
atccatgctg ggacaccaga tctaaggaat tgtgacaggg atcttctcat atttcatttt 300
aggaacactt gatactagggt ctggatggat actcatgtta ggctggcact ccaattaatg 360

tttatcctan tggcaacagg aaaactctgg ttaaactggg acaccgtaat tgggcatctg 420
gtttaaaaac aactccnctt ttggaacgga 450

<210> 2839
<211> 235
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. R40254

<400> 2839
tttttttttca agaatacataa agttttactgt ttctttttcca tcattttggca catatccaag 60
gcacattaga aaattagaaa tcataaatta cttttagtagaa aaataatccc tcccttcctt 120
ctgtacatac acaagtattt ccaagaacat ggacaaaacc atttccctat cacaagggtca 180
tttgaaaacg gactcaggac aaacccatat acgtgtagct ctaggccaat aacat 235

<210> 2840
<211> 330
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. R40395

<220>
<221> unsure
<222> (1)..(330)
<223> n = a or c or g or t

<400> 2840
ttttttttttt acggtagcaa aggaaganct ttattcagga ggcgggggct ctgggctggc 60
antngggnat gcagggagac cctggncagt aggcacccag caggatggca ttgatgtgct 120
ccaggggtcag gttgctgaag accatgttga gatgctgtat cccgtgcagg gcagcagggtg 180
cacaggctgt ggctggcggc cctgccacan gccacagagc tcggtgctgc gggtcgccac 240
cgtgtcatca ccacctcat agagcacacc cacagggtcc gtgtagggga agccgtggtc 300
gtagatgtag gtncggggcg tgggcaggcc 330

<210> 2841
<211> 231
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. R40492

<220>
<221> unsure
<222> (1)..(231)
<223> n = a or c or g or t

<400> 2841
ttttttttttt attcctgaaa aaaagatatt aatagtttga taaggattgc attgaatctg 60
ctgattgctt tagatagttt ggacatctgt aacaatatta agcattccaa tttggaaaca 120
caggatgcct ttctatttat ctgtgtctta tttaatcagt atataagtnt tcagtntata 180
ggnctttcaa ctccntgggt aagtttatca ctaactgttt tattatttcc g 231

<210> 2842
<211> 291
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. R40556

<220>
<221> unsure
<222> (1)..(291)
<223> n = a or c or g or t

<400> 2842
tttttttttt tttttttttt ttcaccaaac taacatttat ttagctttgt tccctcccat 60
ccaagactgc tgatctctaa acaagcatca aaaccogaag ctcatataca tcagagttag 120
cttcaataag gtgaacacta caatgatgta caattacatc ctaataattc aatgcccaag 180
agccctgtag gaactnttgc aaggcccagg gnttntcaca gtatggcaaa tggcactnng 240
gaaaatcatt acctntttng gtccccttta ttttgggggg ggtttaacat g 291

<210> 2843
<211> 309
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. R40899

<220>
<221> unsure
<222> (1)..(309)
<223> n = a or c or g or t

<400> 2843
tttttttttt tacaaattaa tatattttga actttatttc tccacagagc ctgtataatt 60
ataacagata tattttctact tacaaagttt aaacaatatg taatacaacc tttttaaatc 120
tgtgataata ccatctaaaa ttttacaagn aataaggatg ggctttcttt gaaagttaca 180
aggggaagggg aattttgaaat actacatata ttaggaatgg ggggaccata gcagggattc 240
ggcgtggcat atccatttta ttatcaggaa ttatctggta ggnatttgcg ggtttacact 300
tactgaggg 309

<210> 2844
<211> 333
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. R40946

<220>
<221> unsure
<222> (1)..(333)
<223> n = a or c or g or t

<400> 2844
tttttttttc aggttttaaat tttctataga ctttattaca cattattatg ttacaagaca 60
aatgcagata attcttaatt tatcaaattt gtgagcttaa ttaacaaaaa tatttgacct 120
tcaccagaaa aacagataac tctaaatcta ctctgnaaaa tctaataaat tgcgaagtat 180
tacctatttg ggggactatg tattatatca naggtaaagn ctactattct cacaggaaca 240
tatggggggg cattgggcag nccaaccaat aatgganggt aaatattcta atatttgggg 300
gnaaatactg nggaaaacta ataaattgtc cgg 333

<210> 2845
<211> 464
<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. R42241

<220>

<221> unsure

<222> (1)..(464)

<223> n = a or c or g or t

<400> 2845

```
tttttttttt ttttgaaaac agaattatatt attgcataca gcatgggact gtgatcaacc 60
tggnccatcaa atgccgcgat ggctgacagg gcccaggcgg cgggagtgtt gggaagccca 120
gtacacgtgc tccctctctg tgggactccg ggatccacgg ggcggatggt tctntgagtt 180
gcgagttggt cctgtttgtc ttccagcccc cagtcctccc cggccactct gattagccag 240
cctagggtag ggctggcat aaagtccacac aggcaaacc cagaagaagg aaaaagggca 300
cctgcatgaa caaagagttg ggttgcagag gntgcaccgg ggtaagactt ccttcatgca 360
gttnggagtc cncatgtn gggacatcag gagatgncac cncacagaat tggtngetag 420
gttttctctg gttttggccc agagaggetn attcccattt tttt 464
```

<210> 2846

<211> 266

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. R43166

<220>

<221> unsure

<222> (1)..(266)

<223> n = a or c or g or t

<400> 2846

```
tttttttttt tttttttttt tcttnacca gactgttttt attttaaata tacttggaat 60
aggtgaatat taatctaagc attttcctat cactttttaa attttatact atgtactttg 120
tattaaatag tacagtagtt tcagtaagac atgtaaaatt tgccatttta accaccttaa 180
ngtgtacaat tcagngacat ttatttatatt tacaatgttg tgcaaccatc accactaatt 240
catcaaattt taataatctt ttaatt 266
```

<210> 2847

<211> 436

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. R43174

<400> 2847

```
tttttttttt ttttttagtga gaaggatttt tatggtaaat gaggtttttca agtattccaa 60
gactgatttg atagtgtatt ctcaaaaaaa agccctacac atcatatcac tcccagttaa 120
acagtgcctt gatgcttcac gatgtccaca tttagggtca gcattcattg ttcagctaag 180
aacactgggt cctcggaata tggcaagcgg ttgaaataat ggccctcagtt tctatggcat 240
gggtgcaaat cggctctgta gagctcacag taaagagctt tgtgaaacac tgtgccaatc 300
agcagtttcc ctttgtacac agaggcaact gtactgcctt gcaacactgt gccattttct 360
gcataaacct gtgtcacttt aggttcttct gttaggaatg ttctgggttc gaaggcacct 420
ctgattgcag gaggg 436
```

<210> 2848

<211> 330

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. R43347

<220>

<221> unsure

<222> (1)..(330)

<223> n = a or c or g or t

<400> 2848

```
tttttttttt tttttttggc tagaattgca tcgtaacagt gtgggtcacac tggntaagaa 60
atgcagattg gcaatcatgt acatctctga ttaaaacaac actcacataa ccaacacaat 120
ttgctaggcc aaagtcttca cgggcaatcc ctgggggtggg agtctgggat ggggtggata 180
atgaaggata cctggggttg cagaagtggg gtgggaatcc ctggggcatc agtccacagg 240
aggttggggc cagcgatggc ttcaggggtg atatttccaa tatatatcag ccctggggcac 300
ttttcgccct gctgctcaca gcatggtcct 330
```

<210> 2849

<211> 235

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. R43365

<400> 2849

```
tttttttttt ggtaataact tttaattaca tgattgtaat tatacaattt ccactattcg 60
atatttttga taaaaccagt tacaaccac aagattttca aatgtgacaa tatgtatcaa 120
actacataca tatgcaaagt ttacacgcca ttaggaagct ttatcttaaa aataccttca 180
ggaaaataaa cattcattca accagttctc ttgggcttta aaaaatatga ttagg 235
```

<210> 2850

<211> 427

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. R43799

<220>

<221> unsure

<222> (1)..(427)

<223> n = a or c or g or t

<400> 2850

```
tttttttttt tttttttaag cacatgggag gagtgacttt attcacaata ggtaaaaataa 60
acataattaa ttttttaaaag gagaacaaat gaaattaaga tagataattg caataatcaa 120
taatattgtt ggtttaattc ataaattaaa gttcaagcct gatgccataa ctcataggctc 180
ttatatttat tttncctta tcctgttaaa agatgtgtga gggcagcccg aggatataat 240
ttttgcctat totttttctca tccatgaggg catggaaata tcagncccta ccgaggtaat 300
gtgggggggca aatctatttc cagtttaaaa cttacngtgg atttagggac agacggatgg 360
tattatttca caatatttgt ggccacaata caccggggg gccattatcc aatggggggcc 420
aatccc 427
```

<210> 2851

<211> 482

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. R43910

<220>

<221> unsure

<222> (1)..(482)

<223> n = a or c or g or t

<400> 2851

```
tttttttttt ttttgggtgtc taatactttt acttcccagc agcataatac cacttttggtc 60
aggttgaacc actgcacaat tttgcagctc tttcagaaaa ataatgaaaa caattggaaa 120
gacatgatgt acatgcaa at ggtgagaaaa tgatactatt gtccaatcct tccccgtaaa 180
tgtaaaatat ccttagttca tctccaaact gtgtatttat tataagccct tacatcaggg 240
attttgtttc tttcagtttt tgtagcacca aatagacaca gcggctaaca agaaataaat 300
ctgaaaagtc actgaaatat ttatcacatg tcaggaaaatt ttctgggtctg tacctttaac 360
catgttcctg ggcttcacat attcttctta agngtaagct ataacataag gttgagttcc 420
cacccgtgtt tggctaccgn tgtgggtttgt ttacctggat aatactttgt taatatcctt 480
tg
```

<210> 2852

<211> 459

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. R43952

<220>

<221> unsure

<222> (1)..(459)

<223> n = a or c or g or t

<400> 2852

```
tttttttttg aggtttcaac ttaacattta tttgcacact ccaggtcact gctgagcccc 60
caaaacccac agcctagtaa caccaacttc actttcaagg accgcagaga tagaccaact 120
atataaatct tgtggaaaca tagtaatttg ggtgaggaaa ctatgacgct agaggctttg 180
ggatgaatat tttgcataag caaaagttca gaagcttgna aaatatagtc agcctacaaa 240
tctcaaattt cacctggata accgtaggcc cttagccacc atgccttcca gctctctcaa 300
ctcccttgcc tctagtttac tcctcttccc atttcttaca actttgtagg gggagcattt 360
taggcaaagc tatttcaaaa gcgtggaaaa gtccaactga tccaatnaaa tttactcagg 420
aaatttacac taacggggtn gcttccaaat tttgaaatt 459
```

<210> 2853

<211> 391

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. R44025

<220>

<221> unsure

<222> (1)..(391)

<223> n = a or c or g or t

<400> 2853

```
tttttttttt cctgagaggt aaaaatttat tgatttctat catatcagca tgttatgata 60
tggtcacgcc tgctcataca gctgacttct tagagccaaa agagaatttt ttttcctttt 120
aaaaatacat ttgttcagca ggaaaaaaca ttttaaaaac aagcattttc atattaagtg 180
gaaattaaaa acaatggctt tccccccgcc aactcatgag gantagggct ggtcagcaat 240
agatctctga gtgcttccaa tttgttttca ggccctctgt cccagtctgt tccttgctct 300
ccacagaaag tagttccagg gggaaaaaga aattaggaat ctcacccaaa cagcagccta 360
```

aatacagata ggaaaattaa gaggtagaca c

391

<210> 2854

<211> 422

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. R44479

<220>

<221> unsure

<222> (1)..(422)

<223> n = a or c or g or t

<400> 2854

```
tttttttttt tcaagaggct ttttccgttt tatttctttg ggaaaggaaa acaaaaagtc 60
tttccatcac atatggtaga gatatatatt tatatatatt tatatataat tccttttgtg 120
gttggacgtc ccaaagctga gtctgttcat atttttttct atttttttct tactaatgcc 180
ttctcttctc cctgccctg tggcctaggc ccagggttct aggggcaggt acagtgaggg 240
gtgaatggga atggggcagt gggtcgccag gatgccctcc caccagctc agagacctgg 300
gtgagggacc acccaggaag gggctgtgca ggaggggtta ggagggccac acagaggggg 360
gcactcatgt tttttgtngg ggggatgcac agcttcattt aaacagtcac cagtcntggg 420
ga 422
```

<210> 2855

<211> 425

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. R44538

<220>

<221> unsure

<222> (1)..(425)

<223> n = a or c or g or t

<400> 2855

```
tttttttttt ttacaatttt tattgtgata aaaacacata aaatttacc tttcacatac 60
tttgtgtgta ccgaagagta ttgttaacta taggcattat tttatacaac aaatctcaaa 120
aagcttttcc atcttgctg gctgacactc aataccatt gaacaactca ttttctcctc 180
caccagcttg tgggcaaata ccgcagtact ttgttcttct gagtttgacg ttggataccc 240
catataagtg ggaaatgggg tgtatttgtc ctttcgggaa ctgggtttat ttcacttagg 300
cataacgtcc atgtttagg catagggcag gaattttgtt tttangggct aaatggatat 360
tggcattgta tggnatataa tggcantttg ttttaccnt tcatnggtca ngggggcatt 420
tactt 425
```

<210> 2856

<211> 475

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. R44617

<220>

<221> unsure

<222> (1)..(475)

<223> n = a or c or g or t

<400> 2856
 ttttttttttg agatggacaa atatctttat ttacagcaac agatagaaca gaccctccct 60
 cccttccctt cctttccctt tccagtcttt tccatactgt tccnccctcc gccccacccc 120
 aggctctcgc ctagccctgc cctctggggt tcaactgcgtg ggtagggccc ccaaaaaagc 180
 ctaggaaagg agactggaga gggctggctg aggggtgggtg gggcgtctct ncacattttt 240
 ctgtcctcta agcctgggggt ggaggagaga ggcaggcacc aggagcaggg agaggtagag 300
 agntacggcc ccaccggccc accctnccca agtaactttc acagtnttcc ccagccctgg 360
 ntgccctttg cggcccctac cccagnccctg nccctagggt tgtncgtgta ggtnttcagn 420
 aatttattga acntggtaan caattaaaga tttcaagggt tttttggcca tgggg 475

<210> 2857

<211> 358

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. R44761

<400> 2857
 tttttttttt ttttttacia aaggaaaaaa tattttgttt gaaaatcttt gctacatgtc 60
 attatttttg ccactgtaaa gcttagcaca gatgccagca atacagaaat ggccaacaag 120
 aaaacaaaac agtcaaaaat aaaaccctga aggaaaagca aaaacaaaac ccccagagca 180
 tcttctcgct atcctccctt tccccaaaag ccctataata actgtacaat attatagtct 240
 tgatcacatt taaaaagtcg attattaaaa aacaagggtt ccattgggaa actcaacttt 300
 ttggtttcgt aaattgtgga tataaatata tatgtatact gtaagtgtgg cacatggg 358

<210> 2858

<211> 281

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. R44793

<400> 2858
 tttttttttt catcacagta tttaacaat taggaatttt actttatttc agaataagtt 60
 tacagttgaa aaatgattat ttactaaagc cacattattc atacagacaa aactttttata 120
 gcaaaacctt ggtacatgag cattaataat ttgaatacta tatggatata gaagatattt 180
 aaaaaatgga aacaatgtat tccaaaggct gtaagaggca caatatatat gcttgtactg 240
 ggctgcaag gcattatact ataattcatt aaatatgatc c 281

<210> 2859

<211> 331

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. R44817

<400> 2859
 tttttttttt atgggtggtg tctctaatat ttatttgtct gggtataaaa ttaatatgtg 60
 aggagcattg gatttgggtg gaacgttttg aacctagct gtcacgtgcc acctgcggga 120
 tctagaccag tgacttctca gaactgccat ttctcatct ggtagacagg atggtaagcc 180
 ctgtcttgct cactccacgt atgggcagtg cagatgaaat gagatcacag aggggaagca 240
 attggcaggc tggaaagtgc tgacaaatgg aaggggttgt gtcaccaccc tcagctgagg 300
 tagtaccaag gtccaagctc ctgcccctcc c 331

<210> 2860

<211> 325

<212> DNA

<213> Homo sapiens

<220>
<223> Genbank Accession No. R44839

<220>
<221> unsure
<222> (1)..(325)
<223> n = a or c or g or t

<400> 2860
ttttttttttt ggggtgtgaac acgcattttat ttacacattg tcatcggtag gcacataccc 60
agcccagccc gttgaaggga cagatctcag gctgtcacc atggaacctg cagacccttc 120
cctcctccag aacccttgaa ggccaanctg aggagaacca ggnnttttag gcttctgttc 180
aagagctaag aactaaattt tatgccttca tctgatttct ttccaaaaag tccatttcat 240
taagtattca gacttcttag ctccatccca ttcatacttt tngctctcct actaccacc 300
caagattgtt aataataaca ataata 325

<210> 2861
<211> 235
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. R44896

<220>
<221> unsure
<222> (1)..(235)
<223> n = a or c or g or t

<400> 2861
ttttttttttt cagtaacagc tttaatctgt ggtggccct gccctacctg catccaggca 60
gaagagccgt ttctcgggga attaaagcag gacnntttcc cacactgtct cctgggagtc 120
catgcttaca gtgacagcac tgctgagttg gtgccatgtc accagggctg ggccctgggca 180
cagagaggca ggtgcccagt ctttatatat tatacatata tatatatata tatat 235

<210> 2862
<211> 168
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. R45480

<400> 2862
ttttttttttt tttttttttt tttgaggctc acaaagaggc ctttatttat ctagctcaaa 60
gtagacacta tcacaatctt gtttggtact ctttttacta aaatagttca aatcaatgtt 120
tttaccacac tatcaaaaag ttctatttct tcttgtctcc ccacggtc 168

<210> 2863
<211> 426
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. R45569

<220>
<221> unsure
<222> (1)..(417)
<223> n = a or c or g or t

<400> 2863
 tttttttttt tttttttgat gtcaatgttc tcagtttact aaattatcaa tgtggaagaa 60
 cgcatttttg agctccagac cttctaaaca ttttaaacag gctatcgaag aggatgtaac 120
 agaaccctat ttcagaaacc taaggntcag ggaggaagga acactgaccg gtttttctgg 180
 gatntttctg tggggggcaac agggatgaac aaaagaaatg ttagcatgtc agagcatatg 240
 acaagtgagg ggagacagag gtaggaagag ggttttctag ccacaaggct aatgcatttg 300
 tgttcaaaga gaagtctggg gcaaaggagg ggaaaccccc cctccccctt naaaaaaca 360
 aaacaaaaaa ccnntttcaa gggacaaaag ggtttttont acaaccccg tttcnaaaag 420
 ttaaaa 426

<210> 2864
 <211> 319
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. R45656

<220>
 <221> unsure
 <222> (1) .. (319)
 <223> n = a or c or g or t

<400> 2864
 ttttttttca tggacaggat tttattaaaa ttgtacatag atctcatatt taaattaaaa 60
 aatggacttt ttttctagta tcaaaatagt tttttttaa ataccttgaa aaactttaat 120
 acaattttta atatattaaa tattcacctg aactctcagc catttatctc ccatctctct 180
 ttgctagaat cttgccttac catcactatc attcttttgt ttttttttcc tttttgggca 240
 tctttaatgc ttatcccagg aaaaggcatt aaaaataaaa ttttttctt taaggtccac 300
 aatttaaaaa aaaaangga 319

<210> 2865
 <211> 229
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. R45698

<400> 2865
 tttttttttt ttttttcatt ataaaagtca gtttattttc cttttctgtg tttcgtattt 60
 tccctttttg tcagtaaagt agcaatacac tgactggaaa tctgcatgat taaataacat 120
 taacaagttc ataaacacac cccatatcag agtataaagc aagagggtga aaaatatccc 180
 ctaaccgaat gccaaattag ggtatccctc aaaattgcac attctccct 229

<210> 2866
 <211> 330
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. R45994

<220>
 <221> unsure
 <222> (1) .. (330)
 <223> n = a or c or g or t

<400> 2866
 tttttttttt tttggtgtgg caacgnntta attctgtggc caggctagcc gtctccaagg 60

```

cctggtggac agcacgtcac cagaggctgc cgcagagcag gcagggtcag ccctcatagt 120
aggagtgcag gcaaaggcgg gggctctgaa gtggctgctg gaggcaagtg accccgggct 180
gggagtnctc agtagcctc gttagcccag gtnacctcgt agtcggggta cttggctttg 240
attttctcag ttgaaatngc gtgctgggca ggaccatagg ccttgatggt ggatcctggg 300
ggcctgaggg gccagaggg acgcancgtg
330

```

<210> 2867

<211> 432

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. R46079

<220>

<221> unsure

<222> (1)..(432)

<223> n = a or c or g or t

<400> 2867

```

ttttttttta tgagtaatga attattttaa cttttatttg attattttca tttacagttc 60
tggcactgac acttttttta aaaaaagatt ttaattttat gtaaagattg aacttcaata 120
aaataactta aaaaacattt acatgtatat cactaaatct ccataaaata tacaataactt 180
ttgatacaga cataggctag ggatgacttt gaagggaat gggtagatat tcataatttt 240
taagaggata tcccatatat cggcttgttg gggaataaat acttnatatt ggaatttgnc 300
cagggacatc tggaggtatt taaatactat tattaacctg gcactccggg aaatttaaaa 360
tattacnggt ttgggaaata ccttntattt tttaaagggc cttaaaactg gtgggtttgg 420
nttttatccg gg
432

```

<210> 2868

<211> 301

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. R46337

<220>

<221> unsure

<222> (1)..(301)

<223> n = a or c or g or t

<400> 2868

```

ccagttccac ttttttttta tttaaataac cgaagcaaca gncgtggcac agcagagggga 60
agntgggttg gggcgtntga gaggtggcag cagnttggcc tnatgggggg antaggtcac 120
agtgaactcc ccacacgnt ntcaggttca gcagtcatgg ccataggntt gggagcacta 180
cggaggagcc atcagttagt gatgtctctc caagtcccag agaccttagg gacggggagct 240
aagtcagctc cctcaagtag cagggccagg ggcattcccag tcaggggggtc acgngggccc 300
c
301

```

<210> 2869

<211> 422

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. R48307

<220>

<221> unsure

<222> (1)..(422)

<223> n = a or c or g or t

<400> 2869

```
gntctagcag gaaaggagag ggagctttcc ccgaagtncc tcctggacca gccccaggct 60
cctgtgctgg tgaggccgag ggagagggat gtgggcatag gacacgtagc aggatttcca 120
ttttagaggc agccggacct gtcttcagggt cccttccttg gtgagagaca ggggtacgcc 180
agaggaagct gggcgctcgg cctctgtgca gcctcatctc ctgggaatct gagtattgaa 240
aactgggctt ttacttcgca cacctcagca cagactccca tgggaatcca gggtcacagc 300
aaagcagccc tggggccttc cattctcctt ttaaggcaag cattgacaat cctcacttca 360
ctgagttttt atttaaaact taggcaatga cctttaggaa aggcaagggc attgacctna 420
gc 422
```

<210> 2870

<211> 233

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. R48447

<220>

<221> unsure

<222> (1)..(233)

<223> n = a or c or g or t

<400> 2870

```
gatgnacaag antttttatt gcagcattgt ttgaagtagt aaaaaacaaa cctagaaata 60
acctaatttt ctgaaacaag gaggtgagct gaataaataa tgtatccatt ctaaggatac 120
tagtatatag ctataaaaaa taagttatat ataatggat tgancctggac agatgtccat 180
ggaaaaantg ttaaggtgaa aagngtctgt tattttaata tattacagta cgg 233
```

<210> 2871

<211> 246

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. R48473

<220>

<221> unsure

<222> (1)..(246)

<223> n = a or c or g or t

<400> 2871

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gaaaataaag cacattttatt aaggcaaagg ccaagctggc gcttcagaac atggccaagg 60
agcgtgaagg gattgctcca ctttaccacc actcagggca cccaggcccc aggggtcctg 120
ggtccacccc aggccagcag aagctatgaa gnttacgcat aagcctggct ntcccttttc 180
acgaaggcct gggaagaggc tgcccagntc ccagaggggtt gggggcccant cgccggccag 240
cagccc 246
```

<210> 2872

<211> 390

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. R48540

<220>

<221> unsure

<222> (1)..(390)
<223> n = a or c or g or t

<400> 2872
ttttttgtgc aaatattttt tacttnattt gtctcctttc aggagcctca cagacatatc 60
caggggaaaaa gatcggttaa taaatgcctt cagccatcgc aatgcaaaaa taaatatcaa 120
tcctccagac gcagtagcag ccncgntggc nccaaagtcc caacggccac ggctaacaat 180
tataaaagtg ttcagcgaga gtgttggcgt gagtgtgaat ggggtgtgcgc tggggggcac 240
gggtggagcgg tgtgcaaaat cggagttgca aaccatcgga caagggcatg gagtggctac 300
ccgccgccga ctacgcgcgg gnccttccc cgcacacant cacagcagag ttcgactgg 360
ggagngttaa aaaataaaca ttacaggtc 390

<210> 2873
<211> 243
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. R48589

<400> 2873
tcattttcca tcttttttat tttaatcatt ttgtcaaaaa atctgaacat gtgtacataa 60
atacttgatt tgttaaaaga atgtgtagca tagaaatccc tgagacacat tcaaaaatga 120
cttgacatct tgacatgtat tcaatgcaag tattcaccaa actaaatacc aaggacttgg 180
gtccttttcc ctgatatttg agggcatata aagcttttaa aatatatata atatactata 240
tat 243

<210> 2874
<211> 330
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. R48594

<220>
<221> unsure
<222> (1)..(330)
<223> n = a or c or g or t

<400> 2874
accacgggac nttttttaag tttattctag ggtgagtggg tgcccaaggg gggcagttga 60
gtatggccga ggtcacctgg tggcaggggtg ctacagggatg gccacaggtt ctatagggcc 120
ctgcagctgn aantctctag tcagttggga tgcttcacct tctgccccac cccaaggggt 180
ttgggcaatn catggatgta gtagttttcg taattcgcag ggatcagtga tgggactga 240
gcaggcttga ttctcacaca catatgcagt ggctgggtc ttccaaccgt cggaggggtac 300
tcaggaaagg cancttgccg gacaagaagc 330

<210> 2875
<211> 273
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. R48732

<220>
<221> unsure
<222> (1)..(273)
<223> n = a or c or g or t

<400> 2875
 gaaaaaagaa atcactttta ttggcttggt tttctagcat tgctggtgca gtgggggcct 60
 gagctggggt gcagtcggca ntntcantgg gcccgtttgg gactggggtg agccatcagg 120
 ccaccgtgag aaagaagcga ctaaaaggca ctctggggcc agccaagccc tgaaaggcca 180
 gtggcaggan agctgggcgn gacaagctct tcccaggnga caagagggac aaaccagggc 240
 atctaagctn tgctgcctgc gccctncccc gca 273

<210> 2876
 <211> 410
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. R49035

<220>
 <221> unsure
 <222> (1)..(410)
 <223> n = a or c or g or t

<400> 2876
 tttttttttt gtcgtatatt caaatattt tagatgaatg tccagccaca gtcctctgtg 60
 gatttgtgta cattcacttt ttaaaaaaat ggtttccata aaaggatttt tggtaattgc 120
 ctaattttta atacagtatt tatatacaaa acccacttca aactacttac tgtacaagag 180
 aaaagagaag catcagattg catgatttta gcaaataatg gaaatgtacg acacctatga 240
 actttgacca cagttgggca gattaaaggg aatgtaacat cacatcantg agatcttcan 300
 gacaaattta tttctatttt tccncctggc ctttgctaaa atgatgtttc tcttgggtgc 360
 ttggggaaat tttcagagga gttgttttagt atcattgcct gccaaaatttt 410

<210> 2877
 <211> 479
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. R49047

<400> 2877
 tttttttttt tttttcagtt tttatcatta tttattattt tattttttat atcccagccc 60
 tcccatgtaa gactgggtcat tttttagaat cctcagccat atcaaggata cagaaggggt 120
 ctaggataga gaccaatgaa gaaatttctt tggagaattg ttaagtgtct aattcagcct 180
 tcttgacaaa aggagttact accttctact ttgaaaccca gtgaaaggaa cttcaaggaa 240
 gcccttcaga gagctttgaa atgtgttttcg tacaaccatt tagctgggga gccagagag 300
 ggctgctgcc atgcgatctc cctgaaattg tttttttcag gccagggatg tgagaatgtt 360
 tcctgaggac cagatgtgtg aactcagga gagagccggc ataaaatagc ccccagaggt 420
 aaagaaaacc tcagggttga ggctgggtac taagggttag ggaaggttta caggctttt 479

<210> 2878
 <211> 360
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. R49084

<220>
 <221> unsure
 <222> (1)..(360)
 <223> n = a or c or g or t

<400> 2878

```

tttttttttg actttatttag gnttattata aggagcagtg atgagatctt tatcagtcct 60
nantacaaag ctttcatctc cagccttctc catagctctg tggagggcag agagttgagg 120
gaaggaagaa tggagcttgg gagcatggga tcatgtatgt ataccaggaa agaaaacaca 180
cattctttat tctattgctt caangacagt ttgtgagant ggangataac aagcacagct 240
ggaccaggaa ggcagggcac acatngcagg tcaaggttcc tgctatccag ggaggtggcc 300
cagagcttcc ctggctgctc ctggnggaag cagantccaa gctgggcccc gatgaggccc 360

```

<210> 2879

<211> 454

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. R49216

<220>

<221> unsure

<222> (1)..(454)

<223> n = a or c or g or t

<400> 2879

```

tttttttttc agaaaaagaa gtattttttt aaaaaagaga gaaaagaagg tgaggagtcc 60
agtgtaacca ggtgactact ctgaactggg gactgagtca gcctctgacg ctgagctgaa 120
tgcccaatga caaacgtgac cagccgtgcg ngcgngggca aggccaaagga cacagagggc 180
cgaggcagng ngccaggntn tggcgcttcc agacgtttct actctctcat tttattcatg 240
gcgacttggg aaggaaaatct gtctttaatg agcaaatgta aggctgcgctt ttctttgcga 300
agtcttccac aggattttca cggcaaaacc aatgaggaaa atgtcctttc aaagagaagg 360
accgagtntc ccgaggaaca tttttcttgg aaaggcgcgct gcacggggccg cccttttcga 420
gggcttcgta atgtgggttc aaagaacatt gggt 454

```

<210> 2880

<211> 444

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. R49395

<220>

<221> unsure

<222> (1)..(444)

<223> n = a or c or g or t

<400> 2880

```

tttttttttt tttttttttt ttgcatattt ataactgttt aataaactat tcaaaattag 60
catctaaaat aattatactt tggacacacg aaggcatata tttggngaga acattgtaat 120
tttcattttg taaactatat attctatatt caagtaataa cacagcattg cctatacaga 180
actgaggcct gcgctgagac ccaaaacttg tcttttccta aatgcaccac tacggggggc 240
tantangngg tctgtccaga tgctaagacc aggggacttc aaaatctcca tcctgcggct 300
ttacaggtct ccggggcagt taggancttt atctttcaga ggggtgggagg gggcctgaca 360
ggnggctttt ggaaaccttt tgtggcaact cctcccgggg gcacattttg ggggnctcag 420
ttccaacca aatgcctttt ttna 444

```

<210> 2881

<211> 425

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. R49459

<220>
 <221> unsure
 <222> (1)..(425)
 <223> n = a or c or g or t

<400> 2881
 ttttttttat tgatatcagg tggttttattg atattgaaac tccacgcccc tttcaccaca 60
 gaccacctgt tggccataag gctatgggtgc cagcgatctc tcccactaac agagctggcc 120
 aggtcccagg gcctagcaaa cctcccagag tgggtctctag gtatggagga ccccagaaaag 180
 ggggaaggggc tgtgattgaa gggatgctac tctctgatta accgacagta tgaccgtcac 240
 attaggggtca gctacactgc agggctgggg tgtgtggata tctgtgctgg ggtctgggct 300
 ccgtggagag atgtgtaggg gtaatgagaa attgatcagc aatgagaggt ggactctgag 360
 ccacctccct gacctgaan tcatttcaag cgaggagcag agggagctct tgacttgggg 420
 gacgg 425

<210> 2882
 <211> 324
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. R49476

<400> 2882
 tttttttttt tttttccaat tcatatccag ccagtgttta ttaagagcct actacacgcc 60
 agacacttta catgctgac acatttactc ctcacaacca tcttgtaagg gagacatcat 120
 cagtgccatt tgaacaaatg aaaaactgag gctcagagag attcaatacc ttatccaaag 180
 ctctccagac aataagtgc aaaacaagga tttgaaattc aggactgttt gattccaaat 240
 ctgggaactt tctgggaacc tctgacacac acacacacac acacacacac acacacacac 300
 acaggcacca tgtcctgagc tgct 324

<210> 2883
 <211> 395
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. R49482

<220>
 <221> unsure
 <222> (1)..(395)
 <223> n = a or c or g or t

<400> 2883
 tttttttttt gcacatagaa acaagacatc catgtgtaca gtatcaaaaa atatatacca 60
 aggttactgg tattgcagtt cgtggaaggg gaagagaggg gagaaaatga aatcaaccga 120
 aatactggat ggaggggaag aaagggtcaa agaaaatagt ttgtctgata tagattataa 180
 catgntctag aggaaactcc ataaatctag gttttttatat ttcantatat aaatacctac 240
 aattaantat atatataggc agcccgntgg gngttgntc gggccttttg agnctcaaac 300
 antacatttt caatattaac accacgtaca aacggggagt aggagtccgg cactttggac 360
 aaggttaggn cacgggttta aatttttant tactt 395

<210> 2884
 <211> 445
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. R49602

<220>
 <221> unsure
 <222> (1)..(445)
 <223> n = a or c or g or t

<400> 2884
 tttttttttt taatgacatg cttatacatg tattaatcat ttgtatgata aaatatatat 60
 gaattttacat ctttaatatg acataaggaa ttataaggaa tattatgaag ttaaagaata 120
 aaatataatt attgatacac taaaatccaa gattcattcc ttatttttaa aaataacaat 180
 aaacaagagt aaaaggaaac ttattttaatt tgataaggcg tatgtaccag aaatcctgta 240
 tcaaggcatc atactaatgg gtaaaatatt ttgttttaatt tgtaaacatt ttaaagtgtat 300
 ttaaaaaatgg agaggggttt ctccntgttg gccgggntgg gtcttgaact cccgggggttt 360
 caggtgatct gccncctcg ggcctnccca aggtgcgggg gattacgggg ctggaccttg 420
 tgnccggggc ctttaacggg taaat 445

<210> 2885
 <211> 397
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. R49708

<400> 2885
 tttttttttt taatgatgtt catttattta aacgatctgt atgaatttgg tgattttgtg 60
 gatacgcccc tgacagacaa ggattcacag ccgacggaag tcagggaggc tccctgcaaa 120
 ttcttcatct ccgcgggggc tgcccgagcc ctgacccctg agagccgtgg ggctgaggta 180
 gccgcccgtt gtggtccagg gagtgcgtct ttctggatgc ggggcacctt catttcaccg 240
 tagcaaccgg gtacccaaaag tagaagcggg tttttgaaa atgagtcatt aggtcccaaa 300
 gagaacctat tgcaacatgg gactccataa cgttcttgag gatcatcctg aggaaactga 360
 tgttctctcg ttagacaaaa atggcacgat ttgtctt 397

<210> 2886
 <211> 392
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. R50008

<220>
 <221> unsure
 <222> (1)..(392)
 <223> n = a or c or g or t

<400> 2886
 gatccccctc ccctgcctgc tctgcactcg tgggtggggc ccgtgcgcgc tttctccttg 60
 gtagcgtgca cgggtgttgaa ctgggacact ggggagaaa gggctttcat gtcgtttcct 120
 tcctgtcct gctgcacagc tgccaggagt gctctgcctg gagtctgcag acctcagaga 180
 ggtcccagca ctggctgtgg cctttcagggt taggcagggt gggctctgct tcccagattc 240
 ctgtgagcgc ccacctctg cgaaagaatt ttctggcttg ccctgtgact gtgcagactc 300
 tgggctcgag caaccggggg aacttcaccc tcagggggcc tcccacacct ttttccagcg 360
 agggaggtct nagttcccag ctttggggaa gg 392

<210> 2887
 <211> 497
 <212> DNA
 <213> Homo sapiens

<220>

<223> Genbank Accession No. R50692

<220>

<221> unsure

<222> (1)..(497)

<223> n = a or c or g or t

<400> 2887

```
gaagtttttg ttttaaaaaa caactggaaa gatgcagagc tactgagcct ttgccctgaa 60
tgggaggtag ggatgtcatt ctccaccaat aatgggtccct cttccctgac gttgctgaag 120
gagcccaagg ctctccatgc ctttctacct aagtgtttgt attttatttt aaattattta 180
ttctggagcc acagccccct tgcttatgag gttcttatgg agagtgaaga agggaaggga 240
aatagggcac catggtccgg tggttttag ttccttcaaa gtcaggcact gggagctaga 300
ggagtctcaa gctcccccta ggaagaactg gtgccccctc cagtcctaata ttttcttgcc 360
tgccccgcct tggggaattg cctcaccac ccaggctctg gacctgtggc aattaagggn 420
ttgttccttg gcgaagtttt tgttgggatg ttaaataatag taaaaggtn gcttctgtctt 480
tttcaaaata aaaaattt                                     497
```

<210> 2888

<211> 381

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. R51256

<220>

<221> unsure

<222> (1)..(381)

<223> n = a or c or g or t

<400> 2888

```
ttttttttat tttttgttga atttattaat aatctttata tatatttata tatgtatggg 60
ctttgagcaa agacaaaaga aatactctaa ctcatccctg atcatacagt tgttgtaaga 120
atcagctatt ctattatctt tccagcagca gaaagaccaa tgaataatac atttctttct 180
gtacagatta aaactccata catacggggc ttcactatgt acagaggaaa agagggtcac 240
tttttcaact aggcaatggg acctttatat tacngggaat gtgaggatcat ttttttttct 300
ttaatctaag gtatatatac attcctaaca tatatggata taatttacc tgtacccttt 360
tattagntta atatataaac c                                     381
```

<210> 2889

<211> 371

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. R51309

<220>

<221> unsure

<222> (1)..(371)

<223> n = a or c or g or t

<400> 2889

```
tttttttttt ttaaagttta aacacctttt atttgaagaa atattgcttc tagnactttc 60
ctgaagccag aattgttcta taaaagtatc atggaatatt atacatgatt aaaaaacaga 120
gtatgcttcc taataacttg aaatcttttt acaaaagcaca ttattcatga tcataaatat 180
gtttgttctg tcatcccacc gatgatacac acatcaggca agcagctaata ttgaacatat 240
gtacagagtc tatgataaag atttaaagtt accaaaaaga ttcaggctat aacatattaa 300
attttcttta aaagagttta cntaaacac ttaaaggana acatagttta tctaggcact 360
tgaggttatc t                                     371
```

<210> 2890
<211> 414
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. R51831

<220>
<221> unsure
<222> (1)..(414)
<223> n = a or c or g or t

<400> 2890
tttttttttt ccatttttaa ttatttttatt gtatattaaa aaaccaaata aagcaataac 60
tttaaagacc tcacacacac acagtataaa cacctgggta aggttttntt cgtgtccatg 120
ttgacaccgg aactaccgtt aaagtgaag ttttgttttg tggtcctttg tgcagtttca 180
ctcacatgta aacaagtcac ttggctatga tttgaccac gccccccgn ttagtttcgg 240
gagggcagag gctctaccgg ctgtcacagc aaccggant cacagncaag ntaatgcccc 300
gtgggtcctg accctgcaag cggggcatga cggtttcttg angcctagca gaggntggtt 360
aactttcaca tncctcccc acccctgggt tcactnttag gtttttgaga agtt 414

<210> 2891
<211> 427
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. R51908

<220>
<221> unsure
<222> (1)..(427)
<223> n = a or c or g or t

<400> 2891
tgtttttagaa taaaaacntt cctttaatat tgtaaggggt actgcaggta tgccatgctg 60
ccagttattn ctggggcaca aaacgcccc gtcagtcatt cggagggctg ggaaaacgca 120
taaaactcata atttcagagc aagtagaact agtattnca gtttnccttc ttggaaattg 180
gcccgggaca tctccaacag tctacacatg tattgccatg gtacttgctc tgatgctctg 240
aatgcctcgg gaactgtgtt caatatcatg gatttgtggg gtccctctaaa aggttttggt 300
gttaacatgg caaggcaaac agcactggaa caatattgtc taaaactatg ggctggccaa 360
ggtactggga tncctttcatn aatggaaacc caaatttacc aaaaacattg gcnttggttg 420
ggggttt 427

<210> 2892
<211> 456
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. R52161

<220>
<221> unsure
<222> (1)..(456)
<223> n = a or c or g or t

<400> 2892
cagccaagag ttctctttat tccctttgat cctcccccaa ggtgagggct taggcagctg 60

```

tagaacccca ggaaagaacg gaatccaggc aatctgttta gagaccccc actccaaatt 120
tatccttttc ctttccttcc cctaagatgt ttccagggcc ctctggtgcc cacactgtcc 180
tcttccttcc anttgggggt ggggaaatcc ttccctgcgag gtcaggggcat ttntntacaa 240
agtggcctga atgaggccag ggcctgagaa ggagccacca gntgggagga aaggggntcc 300
aagncttgct tttaacaccc ctggcaaaac cccacccctn ccaagatttt tcacaaaagg 360
gttaggaaat tcagggtacg gnaaccattc aatgggncaa ctttggaata tngcattttt 420
cctcagggnc tttggcagtt tccccggagg tttttt 456
    
```

```

<210> 2893
<211> 411
<212> DNA
<213> Homo sapiens
    
```

```

<220>
<223> Genbank Accession No. R52649
    
```

```

<220>
<221> unsure
<222> (1)..(411)
<223> n = a or c or g or t
    
```

```

<400> 2893
tttttttttt gagagggtcc aatcaacatt tattgcctta ttctttttat ctcattcctt 60
tttgaatgtg tttatctcct aagattttat ctgtgatgga gatgggatgc ctgtgaatac 120
aaaagtgtga gtggtggcac cagggtgggg ggggtgcggc ggggccacca tggctctccc 180
tgagaggggg tgcgtgtctta ggtgccccaa gagggccctc ggcagcaagc gtggggtgct 240
gccaaaatac agctcccctg ggtgggcagg acacacgtgg cctcctggca gacaggtgcc 300
tgggtgagcc cgctgctcct gattagtcac gaatggcacc tgggtctggg cgacagtcac 360
ccgcagnaag ccctgagctg gccaccatca ccctggggca gttgcttccc g 411
    
```

```

<210> 2894
<211> 598
<212> DNA
<213> Homo sapiens
    
```

```

<220>
<223> Genbank Accession No. R52800
    
```

```

<220>
<221> unsure
<222> (1)..(598)
<223> n = a or c or g or t
    
```

```

<400> 2894
tttttttttt tgcaaggtaa aaggaatgta tttttatattt natttttttt tttttnacga 60
actagatgta aaccttttac tcacaactat gtcattttca ctttctgaaa agacacggac 120
ccggggacac agctgaaaac agtgggaggc cagatgctgg cgtcttccag gcgggaacgt 180
agccatgatc actctagggc cgatgtctcc tggggctctc cggcagacaa gacaggtgca 240
ccgggtactg tgcaatccca gttttactta gagccacctc ttgtttgggg gggcattagt 300
cctcattttc tgccagattt tcactagagg ctccctgttc ttccaaatca gttcatgagg 360
gtaagtaaca taccatattc caaagagagc tcccccaaga tgtnctggca taattcaaaa 420
aatttccgtc ccgggttcat tcccngcctt ntccgtgggc gttaatgggt ttntaggggc 480
ntttccncgc tgggtgaattt gnactttggg agtaattatt gggcaggctn ccttttgggg 540
ttcttaagtn cgggacagtt tncggaggnt ccactntgat ggggcncgag ttgcacca 598
    
```

```

<210> 2895
<211> 226
<212> DNA
<213> Homo sapiens
    
```

```

<220>
    
```

<223> Genbank Accession No. R52822

<220>

<221> unsure

<222> (1)..(226)

<223> n = a or c or g or t

<400> 2895

```
tttttttagtt gtatatcata gaacctttat tttttatcct ctaaattttt tagaaactta 60
cataacgccc gtgctctagt tatgacacca tttatagaca tttaaaatgc atcttcattt 120
ataaatattt tacatttggg ccatagaaca gataatttta ctaaataata ctgtattttt 180
taaaacaggc tctgtatata ctttgaatat gtatatatta catata 226
```

<210> 2896

<211> 379

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. R52949

<220>

<221> unsure

<222> (1)..(379)

<223> n = a or c or g or t

<400> 2896

```
cacttggtat aanttttatt tgcattgtgta aaaagtgtat ataacaggaa acctcttaaa 60
ataaaaacat agtaaagttt taggaaaaat atgaatttag aaaatggggt gctttttcag 120
atcacaaaaa tactgatata tgtgtactaa attaccttaa actgttgagg tgtagagaa 180
acatttttca aaaaacaaaa aaagtgggag gttggaggag acacaaaatn tagangantg 240
anggtactga tatatgtcac acattgttta aaatgaccac acagggcagg antctacaaa 300
nggattcaaa ttcttttaaa ttacaggnat tgctaggagg attcccctaa tnggtgttaa 360
tgggccatac ntaacnttc 379
```

<210> 2897

<211> 362

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. R53044

<400> 2897

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tttttttttt tttggagtaa gtagattctg agtttattgt taagatttct ttattttacag 60
tacaagtctc caaaagtcca aggcagttat cttttaaata acatgtcaat catataaaat 120
agctagaacc aaagtagaga aatatataca atacattaag tactttcaat atagtggcat 180
ttttcatatt aaattaaaag aggctactat gatttacaat gtcatttccc tagtttaaaa 240
ttcaacatgt caaaagacat aatgtacatt ttttacaaaa ctgacacagc agtattaaaa 300
ctgctaagtc ttgtagtttt ttttttttct ataatacact ggcacctgtg ttaccaaaaa 360
aa 362
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<210> 2898

<211> 322

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. R53109

<220>

<221> unsure
 <222> (1)..(322)
 <223> n = a or c or g or t

<400> 2898
 ttttaaaagg tcaatttttt tttattgggt ctgagaggga ggattcaccc agtggatcct 60
 tttccctaca ctctcccctc cccaatatt gaggtctctt cccaactact gcctattcag 120
 cattctctat ctaaccctcc ttccccttct acttcctata ctatcctacc cctggggccag 180
 cagtacccca aggccaggcc ctcagctgtg ggggcgtgtg ctgagcacca agcagaggga 240
 gctgagcccg gcgccanttt ctccagttct gagcaggaca cagggtacca ggggtgacat 300
 cagagagctt ctgcagtgcc tc 322

<210> 2899
 <211> 279
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. R53891

<220>
 <221> unsure
 <222> (1)..(270)
 <223> n = a or c or g or t

<400> 2899
 ttttttagctt taaatatttt ttataattnt gaatcatctt gtattctatc agataataact 60
 tggaacaaaa tcttatttca atcagctcaa tctatacaag ttataagatg caacacaatg 120
 taaaccctat agtctacaga atatgcacta tttaatactc attaactaaa gaaaagtcaa 180
 tgaagattac caaataggaa acacaaagca ttctaaattt ttaaatcact ttagggtagc 240
 taaccagaaa ctacagaaat aaaatatgca cgacaaaaa 279

<210> 2900
 <211> 442
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. R54416

<220>
 <221> unsure
 <222> (1)..(442)
 <223> n = a or c or g or t

<400> 2900
 ttttttttta atagagacaa gttctcgctg tgttgcccag gctgggtctcg aactcctagg 60
 ttcaagtgat cctcctgcct tgcctgcca aagtgcctggg attacaggca tgagcgccac 120
 gccagctga gattacatta ctttgagtgt ttaatttcac tatgacagga agtagcctaa 180
 tacatacttt tttgtgttaa tttctggga ttcactctgg atttttagtc ttcgtacctg 240
 agtacaacaa taaaggaaat cacttcttag gatacattaa aattacttct aaacttggcc 300
 cccacacat ggaactgttt tcagtttgct atttttaatg ggcccatggc ttattttatat 360
 aggacatagg cataacactg gcttaacact ttatgggcct actgttcctc tttcttnggg 420
 attatattnt taaaaagatt tt 442

<210> 2901
 <211> 364
 <212> DNA
 <213> Homo sapiens

<220>

<223> Genbank Accession No. R54614

<220>

<221> unsure

<222> (1) .. (364)

<223> n = a or c or g or t

<400> 2901

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ccntgccaaa ctttattgtg attaaaattc cagagacagt accagctcca catacctcta 60
gccctgtctt tgcctagtt cccgagtgtc cttcaccccc atcttccaaa tcactctctgg 120
gtttcacggg gaagaaaaaa cctagggctg ctgtgaatgt gccctntcag gtccctgagg 180
ttggccccag ggtagancnn taaggagntc aggggaagagg gccttcctgc cttgacggnn 240
nangatcctg ggnggcaacg tttnggagca gaaagagaag tcgaggtagt gaaagggagt 300
caggccttgg gagggatgcc ccacaantcc agcagcntcg agtnttgacg attgcagagt 360
cagg                                             364
```

<210> 2902

<211> 397

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. R54935

<220>

<221> unsure

<222> (1) .. (397)

<223> n = a or c or g or t

<400> 2902

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ataattttta tagnaaatth tattcaacat acaacatttt ccagcaaaaa ggcaatatac 60
aggaagagtt ggtgtacact gctcccacag aaacaaccca aaaaataaccg gaaaaggatg 120
aaaaataaga gtgatttctg gattctatth tactgcactc aaaactagac acgcagctgg 180
cattagctcc aaaataaaaag gaaacggggc tgggaccgaa ataaaaactac acacaatgan 240
tatcaacatc agtgaaattc acttgcagac tcaccaaca aaaagggnac ctccctcccg 300
gggcaaattg gtacatgttc attcattnaa tattacaatt cctttttcct tttttttttc 360
ttttttaact ttttttttaca aggtcgcccg gcttact                                     397
```

<210> 2903

<211> 292

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. R55470

<400> 2903

```
gtggagcagg aggtttttatt gtaaagaggc cgattgtaca gagcaaagat tgttctgaca 60
cggggggctg ggtggtggga cccagaggcc agagctgggt gaaggatgag ggggtggcatc 120
gcccacccag gcagtgggca gggcaggagg gactaaacgg ctgcctccca gttcccttcc 180
ctgcccctca ttactgggta agagggagcc aggtattttc cacggatcca ggagaatata 240
gcaggagacc ctcaccaccc cacaccatgc cccaaggata cgggaggtgc cc                                     292
```

<210> 2904

<211> 440

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. R56094

<220>
 <221> unsure
 <222> (1)..(440)
 <223> n = a or c or g or t

<400> 2904
 tttttttttt tttttttttt acttctggag tcattttattg aaaaaaaagg gtgaaaaccc 60
 caaaccagag taaagtcaag gaacaaatat ctgctgtgcc agctgggtgc agggatagat 120
 ccactgaaga gtgggagagg aggtcagagc caccttcctc atcacccggg tcgagcagan 180
 tagatgagtg gagagagcca tgcaaaatca gccctagna gantgagagc ggcacccggg 240
 gaagatgcct gctgtacagt gaggaggggt tttagggttt gagcatcccc atgagtcag 300
 tttttcacag gtagggggta cgagggtnta cctcagaggt cacgggcagc cttccacata 360
 ggggtagcag gccactgatg ttcattaccn tgggtcatttc gtttttcnt cttttttccg 420
 tcatttgcnt ttaatttttt 440

<210> 2905
 <211> 390
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. R56095

<220>
 <221> unsure
 <222> (1)..(390)
 <223> n = a or c or g or t

<400> 2905
 tttttttttt tttcaaaggc aaataaaata agttttattgg gatgtaaccc catcataaat 60
 tgaggagcat ccatacaggc aagctataaa atctggaaaa tttaaataca attaaattct 120
 gcttttaaaa aggtgcctta agttaaccaa gcattttgat aacacattca aatttantat 180
 ataaaantag atgtatcctg ggagntntan tganngaaca tgccatgtgt ataanttcag 240
 nantacgctt tttacacaan ggaactacaa aangttacaa ngacagcctt cgggaaccac 300
 acttagggga aaagtgaggc cgagcagcct ttcacggcaa agcctccttc caaggaggtc 360
 tccccaanng cttccggaac cngccgggtt 390

<210> 2906
 <211> 364
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. R56602

<400> 2906
 tttttttttg ctgttatgat tagatattta ttgagcacca ggagagagtc agaacattag 60
 acttatagtg gaggagcaga actgaaccct ggcctgtgaa ataacaattt caattaaaag 120
 ctgtctggcc ctgaagaaag agaaatgata ctggatatag ctggtcctct gagctggcag 180
 agctgagcct ccctcgggtc ttctgggtgg caagatgcca aagttgaata gtgtctgtag 240
 ggcatgatga ccaagtccta gtgctatggg catcttccct ctggtattta ggagaggagt 300
 accagaagcc cccggcagag gatactagga agggcccaga gccaaatcca gcagctgggc 360
 ttac 364

<210> 2907
 <211> 371
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. R56678

<220>
 <221> unsure
 <222> (1)..(371)
 <223> n = a or c or g or t

<400> 2907
 gtcaaatact gttctctgaa aaatgatgtc ccaaaagtat tataatagga aaaaagcatt 60
 aaatataata aactaattta agaagtgata aagtctccag atgcagtagc tcacactgta 120
 atcacagtga ctcaggaggc tgaggtgaga ggattccttg aggccagggt tcgagaccaa 180
 ccttgggcaa catagcaaga cccattttct taaaaaaaaa aaaaaaaaaa tttaaactta 240
 gctgggtatg gtggcacatg cctatagtct cagctacttg tgaggctgag gcaggaggat 300
 tctttgagcc cagggagttt gaggttacag tgagccacaa tcacaccatn cactngcact 360
 ccagcctggg c 371

<210> 2908
 <211> 365
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. R56880

<220>
 <221> unsure
 <222> (1)..(365)
 <223> n = a or c or g or t

<400> 2908
 tttttttttt cgctgggagc agatgagttt attgggcaca tccctcactg aagggttgg 60
 gtttggtccc cagcagtgcc tgttctgggg ccaggcctnc cagtcgtgtg cccaggctgt 120
 ggtcctcagg aggccctgtc ttggagctca ggcacaggtc tgggtgcata ctctcgtctg 180
 ggggtgctgg ccggagcctt aggcaagnct tcaccagggc ggcccagggc ttcagcagcc 240
 ctctcgtccg acctcggggg ccgggtcctt cagcaggatc tggagcgccg caatgagctg 300
 gtccagggtc acctgcgggt gctgcctggg gtttccgagt gcagcaccag gaaccgcgtg 360
 aacag 365

<210> 2909
 <211> 420
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. R58974

<220>
 <221> unsure
 <222> (1)..(420)
 <223> n = a or c or g or t

<400> 2909
 tttttttttt ttttaacagag tctcactcca ttaccaggc tggagcaaga cttccactct 60
 caaaaaacaa aaaaaacgtt ttaagctttt ttttaacaga gtaaaatggc ctttttaaaga 120
 tatatcaatc aatcacagtg tactgccttt atttgatcc tgtttcaaata gaacaaacta 180
 tcataaaatc aatcatagga agtgtagcac tgggaagggt gttcctaaag gagggaagct 240
 atgcaaatgt ggggcaaggg gaaatgcaaa ttctcagtgc cttctggctc aattttgcct 300
 ctggaacctg gaaactgctg ttaaaaaaat aaaggactat ttttaggaat tggggaaata 360
 agganaacaa tggacctttt ttgaaaaatt gggggaaatt taaaccctn ttttaatagt 420

<210> 2910

<211> 401
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. R59093

<220>
<221> unsure
<222> (1)..(401)
<223> n = a or c or g or t

<400> 2910
tttttttttt gatgtttaac gtgtgttttta ttgttggttg caccagaaaa gctcatgttc 60
tatgttatgt cactgtacat actgtaaaca agactgcatt aatattgttt tcttatgatt 120
tgtttcaatg actctagatt ttaaaaaata cattcacaaa ctaccttatg tttaaacaca 180
atgattccct tttatttctt aactgtacct aaaatcccac aataaaaaaa tcatttaaag 240
ctgtgtgttt caaacttatc acttaggaaa taaaaacaaa acaaaacata aaaacaaagn 300
tcagtttgnc aacatanttt aaggaaggct tctgggttta aaataccacg gcggcantat 360
aaggggcggg tgggncaatc acattcgggg aggtggaaat c 401

<210> 2911
<211> 383
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. R59221

<220>
<221> unsure
<222> (1)..(383)
<223> n = a or c or g or t

<400> 2911
tttttttttag gatggggtgt ctgagtgtct atgtgagggc aaggacaaca gtgcagtcca 60
gaaacacaga aaatatgctt ttttgcagct gagctctgtt ttgagatttc attttgttac 120
tggaacagcg ttaatccata ccaaagtctt tggaacactg cagatttgct ttagaggttag 180
ataaaacaga aatcatgcag ttaagtcaat tgaggaaaaa aaaagggatt tggtgtcttt 240
acagaacatc atgactaaaa gttgatcctt tgctcttggt gcacatttaa gatTTTTacc 300
tgttttggn aatacccaag tcttccttgt ctctcaggna aaacacattt taanttcac 360
ctgtactaac tacagatagg agg 383

<210> 2912
<211> 536
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. R59312

<220>
<221> unsure
<222> (1)..(536)
<223> n = a or c or g or t

<400> 2912
tttttttttag attcagatat ttaacgaata gtattgcatg gtacaatcat gcaggtttaa 60
aataatagca attgagtcca taggagaaga cgacattctt gcttgacaag gtaggaacaa 120
attcattata tttcaccaag actaaaatta caaagtttgg gtgtgttaaag gcaagattta 180
attgttgga aaatttatcc gagccagcca ccacgacaaa agccaggctg accaaatcaa 240

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atggattcctt tacatcctcc aagtttcaga agaattctga atatgggttag ccagaagata 300
tggtaaaattt gaccccaaac atttgcttga aggagtaagg tcttctaatt agtgaatgtc 360
aagagatcag cacataagta atagcttatt tatccttttag gtcacatcca tctgtggaat 420
caagcagcct tggcagtcca cntggtcagc tntctccctg gctcgaggct catgggtccag 480
gtnttttagcc gtcttaggggt tttaaaagcc ctctctttttt tttgggtggt ttagag 536

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<210> 2913
<211> 423
<212> DNA
<213> Homo sapiens

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<220>
<223> Genbank Accession No. R59325

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<400> 2913
tttttttttt tttttaacac aattttgcat cttatatatta ttatatactg tattcttata 60
acaaacaaaa tagctacaga aaagaaaatg ttattttagaa tatcaaattg aagagaaaat 120
atatttagta ttcattaaat ggaggtggat catcataaag gtcttcatcc tcatcgctct 180
cacattgaaa aggttgagga gaaggaggaa aaggagagtt ggtcttgcta tctcaaggct 240
aatagaagca gaagaggtgg aagcggaggc agggagaggc aggtacactc aatgtaactt 300
tacagaaata catcgtaatt tctgtctgaa tttttgcctt ctcatctctc taaaaatggt 360
tctgtataat acaaatcctt ctttcactat ttgccctagt ttcagtgcc acatccttag 420
gaa 423

```

```

<210> 2914
<211> 354
<212> DNA
<213> Homo sapiens

```

```

<220>
<223> Genbank Accession No. R59352

```

```

<220>
<221> unsure
<222> (1)..(354)
<223> n = a or c or g or t

```

```

<400> 2914
tctttttttt gggggcagca gttttccttt ttttaaactt aaataaattg ttacaaaata 60
gacttttagaa aataagttac aaattntagc aaaaggctcc cttccacagg caacttnccc 120
accggtgggg ctctgcatcc gcctctccct ggngttgcaa tctggctgct gagggtggcg 180
ctgagaagag cacggtgatg aggctggggg aaggaggtcc ttcaaggaca gggacgcgag 240
gaacacccca cccctcctt gggaaagcaa gccagatctg ggtccttttc acaaggggag 300
aggagaagat atgggggatgc ccganctatt tctgcagna aaatntggga gatc 354

```

```

<210> 2915
<211> 268
<212> DNA
<213> Homo sapiens

```

```

<220>
<223> Genbank Accession No. R59722

```

```

<220>
<221> unsure
<222> (1)..(268)
<223> n = a or c or g or t

```

```

<400> 2915
tttttttttc tctctgaagc atgtttttat ttctctgtga tttggttttc tactttggta 60
cacatgagct gtggctgcat ttcacacaga agctgacaca tctcgcagga atgccccata 120

```

aaacagagcg caaacaatac acccagcagg ttcgcttcac ctgggctgtt actgctgaac 180
 tccctacttc taagagcaca ggaagagnaa catcgctttg aatctacagg ataagcgagg 240
 gtggggcgag cagcagccag gggctccc 268

<210> 2916
 <211> 418
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. R60368

<220>
 <221> unsure
 <222> (1)..(418)
 <223> n = a or c or g or t

<400> 2916
 cgtgtggctt ttccggatac caggaaaaaca tactgctttg atgctttccc cagcattgac 60
 aagatatcta aagtcacctc tcctgtgttg gtcattcatg gtacagagga tgaggctcatc 120
 gattttctccc atggcctagc gatgtacgag cgctgtcccc gagccgtgga gcccctttgg 180
 tntgaagggg ctgggcataa tgacatagag ctttatgcac aatacctaga aagactaaaa 240
 cagttcatat ctcacgaact tcctaattcc tgaagacaac aacttgatct tacctcattt 300
 actgtgaaca gaagagtcct ctgttttgca catgctttaa ctgggtagct gttaaaggctt 360
 gataaccatg gaagaagtgc ccaaccttta ggggtgttcnt aatcaaagag ctggatgg 418

<210> 2917
 <211> 423
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. R60512

<220>
 <221> unsure
 <222> (1)..(423)
 <223> n = a or c or g or t

<400> 2917
 tttttttttt taactcttgt caaaaagatt tattaactta aaatagaagt acttcaaata 60
 cagacaaaaat caactttcca ttcaagtttg aatgttcaat atacaagtat ggaaaagaaa 120
 aaaaatctga atcttcatgt tgtaatttta ttttattttt ttacctttta aaaagttttt 180
 ggcactacaa ggttctgtaa agaataggaa gtgacaattt aaaacacatg gaaattcttt 240
 cctaactttt aagganfaat atataanggc ctggaaggca accaaaggta tggaatacag 300
 ctaataggaa nataaggnat ggtaattttt ttaaatttct ctctttatac atttcatcag 360
 gggtttaaac aaaacataaa attcccttaa aatggggggg nattantcgg gtgggatttt 420
 ggg 423

<210> 2918
 <211> 459
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. R60959

<220>
 <221> unsure
 <222> (1)..(459)
 <223> n = a or c or g or t

<400> 2918
 tttttttttt tcatgtgaat aaaattttaat gttgtcataa attttataac aaagttaatc 60
 tgacacattt aatnacnaca antgtgtaat atacaaatat acacaatcag acattgataa 120
 taagcagttc acaccagtga ctgtaagagt ctttacttgt gttcagccaa gccaaactgct 180
 tggatatatt ttctcccttc ttagtcgtta gttttccata cctacaataa ctatcagtgg 240
 tgatgggctt ctctgaccat gtgaataatt taatcctcaa tgcacaggat acaggaaacc 300
 cttgctggag gacagtgtgg gaggcaggag gaagggctgt tctccacttc cttccacctg 360
 gaaacacctc tggcagatgg gattnggggg agnctctggc ctaacaggcc cttggggacc 420
 taaaccactt tcagtgttgt ttccagtgga gtgttnggg 459

<210> 2919
 <211> 476
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. R61297

<220>
 <221> unsure
 <222> (1)..(476)
 <223> n = a or c or g or t

<400> 2919
 tttttttttt ttgaatcagt caattttatt ccaattcttc acaattttaca ctcaatatgt 60
 tgtttccaaa atgtaagtca ccctttatat aatagtttta ttatttcac tttcttttag 120
 agttttttta aaatctttnc cttatgtttc ttcagtagaa gccagantct tgagttgccc 180
 agttaggagc ctctgacctg ctattgtcat taagtttctt ctcaatattc atggccaaaa 240
 tctagcttct aaaagaaagg cttttgggtct tttcaatcac ttgctgatag ggtgagagta 300
 cattgttacc ataaccacat gacctaatat aggaatcaat cttgggcatc cagtcttggc 360
 atttctaata acattttaca tccacctttc aggtttcatc gggagtcatt ttcaatttgt 420
 ctgccaacat gttaatgctg atacacgggg ggntgtgacg gaagncccaa tttgga 476

<210> 2920
 <211> 434
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. R61374

<220>
 <221> unsure
 <222> (1)..(434)
 <223> n = a or c or g or t

<400> 2920
 tttttttttt ttttttttac tttgttcttt cttttttatt tagtcacaac acatcagtac 60
 aacagaggtc aaaccaggtt cagtggaggt cgttttaacta cacctgctaa aagaataaac 120
 ctgaaaaatg atattttata gcccaaatca aattaaataa atcaaagaga aggaggcagg 180
 aaagcccttt taaataacct ggcaaccaca gttccatgca ccaaaaggaa aactcacata 240
 aaantttcca gttaaaaagaa aatatgggca gtcccgggna aattagggtta tgcatttaac 300
 agtttccact gtactacttc aattgaccac tcggcacacc atgatcactt atccatgttt 360
 aacatttgtg aatttgagga tccgtgtgat taaaaaatc tttgtgttgc tgggggctgg 420
 gtaaatgcgg gcgt 434

<210> 2921
 <211> 286
 <212> DNA
 <213> Homo sapiens

<220>

<223> Genbank Accession No. R61557

<400> 2921

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tttttttttaa aatatctttt tttttctctt taaatcattt tgccattctc cagggtatat 60
cctacgggga agggtagggg acccatggcc agccctggct cctactgcca tcctcccaag 120
tgaacttagc acagagactg gggaggggtt gacccactc cagaacacca atacctcttt 180
caaacatgac agtggagtga ggatcagagg atcagcccc tcccgtttcc tgggcacaga 240
ggaaggacag ttacacttag gaaatatata tataatatat atatat 286
```

<210> 2922

<211> 464

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. R61740

<220>

<221> unsure

<222> (1)..(464)

<223> n = a or c or g or t

<400> 2922

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tttttttttt tttgatgtcc agaatttatt actcctggan gaacagactc aaaacgcagg 60
tgagagccac acaggtttcc accaagacgg atggaggggg actcaggcca ggggtggagg 120
ctgcagagtg gcaccgggtg gcatgccagg cacctcaggn tttctcatcc aggcntntcc 180
tgggctntga aagggaccag gtagcccttc ccatgccaca cgtggccttc caaaggncca 240
gatatntaca gntntacaga cgtgcactcc ctgggtcccc cggcgaggtc cagggttaca 300
ggtttttaca agaccaaacc ttcacggcag gccttttcan ttgttnttca gcattcctgg 360
gaccaggggc acaggacggg anaggccttg cccatttggc ccccagcagg anaaccacag 420
gcagagggtt tccacggaac ccttgaggna cattgccttt gagg 464
```

<210> 2923

<211> 356

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. R62173

<400> 2923

```
gatggagaaa attttattta tgtaattttc atctgtagag atgcttctgt cctcatcttt 60
atatttgtct cctctttctc attgaactgc aaaattcctg aaggatgaga cctgggatgt 120
ttaatgcaaa ccgtacattc tcagcagagc acaagtatca aaggacatt ggatatattt 180
taataatgat ctaacacaag caaaaataac cactgaaaat ataaaactca acaagagaca 240
taagaaaaaa gcagacagaa aacaaaaaaa attcttattt taggaatgat gctatatgta 300
acttgtaaaa tatttaagtt ttatatcatg aggttatatt gggtttcctt atttaa 356
```

<210> 2924

<211> 339

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. R62456

<400> 2924

```
tttttttag tctttaattc acttttaata gtataaacct catttaggta gtagtattaa 60
gccacaacaa taatgccaca ttgaaacagc atttaataaa atgcataaag ctaattcatg 120
```

```

cactgcaata ctctatatac aaacacaaca atgcaaattc ttcttcaaga ctgaagacat 180
tgattagata taaaattcag tttaaaaagg aacatgctat tttttaaatg ccatcacata 240
aacaaagtga tttcacaggg agaaggaaag ctgtataaag ctgcagcttt caacaggttt 300
taaacctggg gcattaaaat gtaatgggca aaaccaata 339

```

```

<210> 2925
<211> 275
<212> DNA
<213> Homo sapiens

```

```

<220>
<223> Genbank Accession No. R62519

```

```

<220>
<221> unsure
<222> (1)..(275)
<223> n = a or c or g or t

```

```

<400> 2925
naggcactca atattttattg aatacatgga tgagttcttc ctcccccatc ttccccctgcc 60
ctccactccc cagctccacc ttccacctgc ccttacctgc caggggctct cccccactg 120
gaagcccgcc ctccagggtg cccccaagga cctcataggg agccaggggg gcagggggccg 180
gggggagttt cccatagtnt acgagccatc ccagcccact agctgggagc agggccctgt 240
ccagntccag cccaggggtt cgccaggagg tnaca 275

```

```

<210> 2926
<211> 403
<212> DNA
<213> Homo sapiens

```

```

<220>
<223> Genbank Accession No. R63545

```

```

<220>
<221> unsure
<222> (1)..(403)
<223> n = a or c or g or t

```

```

<400> 2926
gagaagagga tctggctgct ctgtttgaag cttcaatgaa actgtattaa ttgtcatttt 60
aactgaaaga attaccgctg gccattgtag tgctgagagc aagagctgat ctagctaggg 120
ctttgtcttt tcatctttgt gcataactta cctgttacca gtatagggtg gatatacatt 180
tatcttgagc gaaattcccc aaagctcaga gtccagttcc ttccataaaa caggctggac 240
aatgaccac tatgttagac ccccagggtc cgacttcagg ggtcagtgtt cctgtcccaa 300
acccacaca gaatactctg gcctctggct ttcattgagg ccaaagagg caaaaaactt 360
cagtatctat tcaaaagtgg taaaattatt atttcnatg ggc 403

```

```

<210> 2927
<211> 443
<212> DNA
<213> Homo sapiens

```

```

<220>
<223> Genbank Accession No. R63734

```

```

<220>
<221> unsure
<222> (1)..(443)
<223> n = a or c or g or t

```

```

<400> 2927

```

```

ttttttgatt tttgcctttt natgcctaca gtaactgaga atcaacaaag taactagtct 60
gacatgaaaa atgtgggtgcc tatgatttaa gtccctgattt gagcacatct taattgggtgc 120
actattgctt ttgataatcc agatataaca acagacaagc agtaataaat gaagagactt 180
actatgtatc acacaagcaa ggtttctgaa ttacaaataa cttcaacaat gacatcaaaa 240
cctatgannt aaatcttaac tcacgcgggt ataaagttaa attctcatgt gtcttagtga 300
gaatgctatc atcaaatata ttctaaattc tttcattttt taggtgtaca aaggttatgg 360
ggnggaaagg gtaagggtgc tttttaataa aggctaccac tgactcacac acatccctac 420
acggcttcag ggcaancttt gga                                     443

```

<210> 2928
 <211> 351
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. R63925

<220>
 <221> unsure
 <222> (1)..(351)
 <223> n = a or c or g or t

```

<400> 2928
taaaagttac agttttatnt tctccatggt taatactggt aatatttgat aggggtattag 60
tatgggtgggt acgaagaact gagcctagta cttcacatga aatgcttttt gcatagtctt 120
cataggtgta ataaacagaa tcatgatttt catgaatcct atctccacca atatctgttt 180
ggcaaaaaca ttcagctgga gtacagcctc caagaggact aaaagcagag gatcgaatag 240
gactaaataa accactatct tcccttgatg ctttactggt gcgaggagaa tccggagcat 300
cacacagggt accatatggg agattctggg tttacggggg ngttgggctt t          351

```

<210> 2929
 <211> 323
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. R64131

<220>
 <221> unsure
 <222> (1)..(323)
 <223> n = a or c or g or t

```

<400> 2929
ataacaattt atatatattt atttatgtat tttatatatt tataaatttt atttataaca 60
aattattttat taccaaaaat gaataacttt ataaaaatgt aattataaat taaaataagt 120
atgtcgattt tattttcttac agtccctgaag actggaaagt acaaagtcaa ggcgctcaca 180
tctggcgagg gccttcttgc tgtgtcatct catgttggaa gggtaggaga acacatgcac 240
atgtgcaaaa taagccaaat tcatttttat aacaaaacta tttcttccaa taatggaant 300
taattcatnt atttggggca gag                                     323

```

<210> 2930
 <211> 229
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. R64137

<220>
 <221> unsure

<222> (1)..(229)

<223> n = a or c or g or t

<400> 2930

```
ctaaatattt ttagtttatt gaaataaaat ataattctata ataaaaaata ctacaggtgt 60
tattcactgg ttacagtttt aagtatatata acaaaaacag ccaacatttt aacccaacaa 120
tgacactatc tttgtggnac aataacaaac atgaaagtaa atgttgaata atactgaata 180
attctgtcag gaaatatttt atactttacc atctatgtat gccttttaa 229
```

<210> 2931

<211> 446

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. R64144

<220>

<221> unsure

<222> (1)..(446)

<223> n = a or c or g or t

<400> 2931

```
aatgtgaata tnncatattt aatgtagttc tggatgatggc tacagtcagt agatctacca 60
gcaatttgtc cttttttttg tttcagattt taaggcagaa actcaatctc agcagctaata 120
ttcatccaat tttcttcaga aacattctcc aatttagttg agtacgcaag aaaagtgtgt 180
gaacattcac tcctgtcctc cccacataca tatataggac atacaataag gaaacataca 240
tacatatata ccctaggatt gtcaatgtat ggctgctgga aatgccngga aggggttactt 300
ttcactttta aaataaaaatt tgggtgggatt attctgcagg ttggggggtt ggccccctggc 360
caatttttat aaatatgggt tgnggggggc ggccaccagg gttttacncg gggggctgtc 420
ctgggggggt tncctcgtn ggggtt 446
```

<210> 2932

<211> 479

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. R64199

<220>

<221> unsure

<222> (1)..(479)

<223> n = a or c or g or t

<400> 2932

```
agatgaatat tttttatttt gaaatttgag aatgtcctaa gaggatgtct acaggatatg 60
aaactactgg gtgcaggaaa atttttttaa tgtttagcaaa ttgtggcaag aggaaaacaa 120
acagtggaga aaactgtggt agagaaagta aagaaggggc aggagaaagc tgtaattata 180
acctgggcct gcctttgttc tcatgaagcc aggggcctct ccatatccta tacttgctct 240
tacgctaata acaaaccaaa tgctgcaaaa taaaagtaat aatgacccaa actaatttaa 300
gtcttttgtt taaggagagta aatgagagga aacatttttag cttctttta tcaaggaggt 360
gctataattt ccagggcctt cttaatatat ttcacttacc ctaaggcatt gtgncattag 420
gcaattttta aaggggnaac caccagggtt aactttctac nggggggncca tnggcagtt 479
```

<210> 2933

<211> 377

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. R64534

<220>

<221> unsure

<222> (1)..(377)

<223> n = a or c or g or t

<400> 2933

```
gtcaaaatga tgtatcaatg gttctttttt agaacaagtt ttcaaagcat aaaaagaggt 60
tgagagaaat aacatattta ttgattcaca taagtatggt tttcttcatt aatcgtctgg 120
agaaaccacac ttgtcattaa tttgttttgg gctagggttt caaacttacc aaattgcttt 180
aaaaaagcaa ttggaaggt aatttgatag gctttccaac ttaaccaa atttttattgt 240
aattcttgga tagtattttt gtctttttca attcatttgt ctttttcagt atagtttttg 300
ttaaggcaaa tgtcttcct tgaatatcca aatattgcta ataaacgggt gaaggatgct 360
ttgggaaatt naaaatt 377
```

<210> 2934

<211> 441

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. R65593

<220>

<221> unsure

<222> (1)..(441)

<223> n = a or c or g or t

<400> 2934

```
actttacntt tagtttaatt ataagcagaa cactatcttc cactagtga tcaaatatgg 60
caatggaaac atttttttca tgcttaattt tggtcacaga gaaatcatgc atttgctacc 120
acaaaacctt tctatcacct gctaagtaga ttggaaattt gttctaggga gtccacggcc 180
tttgcgggga aacatgttgt attccggaag tgagctatcc agttccatgg gtcttctcaa 240
gcgaggggaa agatcgtggg tgacatgtag gtgtataagt agggtaggg actgctggat 300
gggctatcag gtgatcccca aggaaaaaga gntcccttg gtttatcacc tttttttgcc 360
caatgcccaa cggtggcaca gnctcaggg gatcttatt ntggggaaag gtgacccttg 420
tttaggaggg ggggttaagg g 441
```

<210> 2935

<211> 322

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. R66002

<220>

<221> unsure

<222> (1)..(322)

<223> n = a or c or g or t

<400> 2935

```
ntntctgttt aagtcattta tttcaataga ggcattgttt taaatttgca ctttgtcttt 60
aacacatttc ataaccagag aacagggtctg agaacaagta cataaaagga ttatttgaca 120
aagttttaac aaaagtgcct acagcttatt tgtttcagat atacagaact gccagtcaca 180
aagagccact aagtgnaaat acagccacaa acttgccctgg ggaagtaaaa tattttacat 240
atttacactg tacattttaa tggggatatt ctgaaggcat tattattatc aataaactct 300
aaggcaggag gttctcttaa ac 322
```

<210> 2936

<211> 264
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. R66469

<220>
<221> unsure
<222> (1)..(264)
<223> n = a or c or g or t

<400> 2936
tttttttttt tcagcaagtc cagagcagtt ttaatggggg tggaggctgt acaaagagca 60
aggccactg aagcggggga aagccaggcc gtgctgcccc cggcccaggt atggggcctt 120
ggcatggacg cccttcctcc acctncagca agagaaagag taagcccttg gggaggaagg 180
aggggaaacc agctgagccc caaatcctgg tctctgtcca agccangccc caggacanag 240
ggggactnat ggtntcaggt tggg 264

<210> 2937
<211> 357
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. R66475

<220>
<221> unsure
<222> (1)..(357)
<223> n = a or c or g or t

<400> 2937
gggagttgag aagaggagga agaataatgg gaggagacag gacctttttc aacttgacaa 60
atagattttc gagagagcag acaccatctt atttctgttg aattgtattt agtaactcaa 120
aagccatata ccaagctgtc agaagcagct tcatttaaaa gaaataaaaat ttctagtcct 180
gcctgaagtt taagctagcc catgactaca caagtgaac tgtatttccc gggtaggatg 240
ccggtaggat tngggcccg taagtttgtg ccntttggga tgttgaaagg gaaggagatg 300
cggggcaact tttttgggtc atcttcttta aaggaaaagn ccatttgtcc ngggggt 357

<210> 2938
<211> 394
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. R67751

<220>
<221> unsure
<222> (1)..(394)
<223> n = a or c or g or t

<400> 2938
gaatactttt ttcatagtta tttgttttaa aagattttaa aatcattgca ctttggtcag 60
anaaataata aatatatctt ataaatnttt gattcccttc cttgctattt ttattcagta 120
gatttttgtt tggcatcatg ttgaagcacc gaaagataaa tgatttttaa aaggctatag 180
agtccaaagg aatattcttt tacaccaatt cttcctttta aaatctctga ggaatttgtt 240
ttcgctttac ttttttttct tctgtcacia tggctaagtg ggtatccgag gttcttaata 300
tgaggatttt aaaatcttna aaatgtttct tattttncag gcacttacia gcatttgggg 360
acacaggggt ccaantaggg gccaaattaa tttt 394

<210> 2939
<211> 388
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. R67970

<220>
<221> unsure
<222> (1)..(388)
<223> n = a or c or g or t

<400> 2939
aaaantttat ttgctttatt tccttggttc ctctaagttg taatctcgga gttaaaaaca 60
gctttagaac cccgcccccc caaaaaaaaa aaaaaacttt tgagaatttt tttcaaataa 120
atgtccattg catagaatgg gtctgtgact ggctgcttct acatctgcac ccaacatctg 180
gcccccttca gaactctgag tggacaggat caggatttga ctcaggagga ttagaatgtg 240
aagaatccgt gtttgagggg ttcagttctc caactgcctc aaagggtctc aagtttgcac 300
aaggtcacct cctggggcca gctgctccgg gggaagggaac gggcctaata tcagatttcg 360
gaagtgaggg tacaagtnat caggagagg 388

<210> 2940
<211> 437
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. R69031

<220>
<221> unsure
<222> (1)..(437)
<223> n = a or c or g or t

<400> 2940
tagatatatt taaaggagaa tatttaatga tataggaaca atacatatta ttatagattg 60
ataataaaaa gcaggtcacg gccacgcct gtaatcctag cactttggga ggccaagggg 120
cgggtgaggg gggggcagat cacatgagtt caggagttcg agaccagcct gaccaacatg 180
gtgaaaccct gtttctatta aaaatacaaaa aaaattagcc aggtgtggta gtgggcacac 240
gtaatcccag ctacttggga ggctgaggca gcagaatcgc ttgaatccag ggaggcagag 300
gttgcggtga gccaaagntcg cgccattgca ctccagcctg gggcaacaac agtggtcacc 360
cttgagggna aaaggcctat gtattaacct ggaagtttac taccacacag gttaaggcac 420
ccccctccca cacacac 437

<210> 2941
<211> 350
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. R69417

<220>
<221> unsure
<222> (1)..(350)
<223> n = a or c or g or t

<400> 2941
ttttgtgggg ggggcaacta aacaaacaca aagtattctg tgtcaggtat tgggctggac 60

```

agggcagttg tgtgttgggg tgggtttttt ctctatTTTT ttgtttggtt cttgtttttt 120
aataatgttt acaatctgcc tcaatcactc tgtcttttat aaagattcca cctccagtcc 180
tctctcctcc cccctactca ggcccttgag gctaattagg agatgcttga agaactcaac 240
aaaatcccaa tccaagtcaa actttgcaca tttttatatt tatattcaga aaagaaacat 300
ttcagtaatt tataaataaa ggggcactat tttttaatga aaanaatttg 350

```

```

<210> 2942
<211> 385
<212> DNA
<213> Homo sapiens

```

```

<220>
<223> Genbank Accession No. R69700

```

```

<220>
<221> unsure
<222> (1)..(385)
<223> n = a or c or g or t

```

```

<400> 2942
tgtggagctg aaggcacagt ctgccccacc cccacctccc cactgtgggtt agtcagagggc 60
atcctgctcc aagctctgct tttccttcct ctgaaacaat gccattcttg cttctattgc 120
tacacatctc cttctggctc aggtgaaatc catgcccttc tgcttataga cctaaagtcc 180
aggtacttat tattggctat tgatcttgaa tttgccctct cctagtgtctg cagtcccact 240
tcaaagccat tttctgagga ggatgggtta ggtctggcaa ttgtccttga aaaatccac 300
ccatgttgta ccaccttggg gagtcatatg ccactcatca gcttggggaa tgatgggtgc 360
caactcccaa tcttcccagg gaggt 385

```

```

<210> 2943
<211> 457
<212> DNA
<213> Homo sapiens

```

```

<220>
<223> Genbank Accession No. R70005

```

```

<220>
<221> unsure
<222> (1)..(457)
<223> n = a or c or g or t

```

```

<400> 2943
gttgtncatt tcttgtactt tttttttctc aaatatTTTn acttatgctt tttgtcatta 60
tccacagtgt tttttttttna aagcctgagc cactttgtgg ttttagcctc aatataataa 120
tcatccctct actcttagac taattccttt tccctgtca ctttgctgt atactctgta 180
aaaatgagga ccttagaaaa tcaacatttc ctgtgaactt gagagactat acaagcagt 240
cccaaatacag taggattagg caggtaaaac cagttgggat aggcagatat attatganct 300
gttggaacaaa ggtatagttg tgtgcatgtc tacaagggtc atcgtgattc gccattaggc 360
ttaagggtca ttagagggtg accgggggtga ggtagggtc tccacagggg tgtnttaaat 420
tgtggnaggg ggntgcagtt ttacattttc ntgattt 457

```

```

<210> 2944
<211> 443
<212> DNA
<213> Homo sapiens

```

```

<220>
<223> Genbank Accession No. R70253

```

```

<220>
<221> unsure

```

<222> (1)..(443)

<223> n = a or c or g or t

<400> 2944

```
cgtctctaaa atttataaga tttctctggg gagggatttg acgtatccat gccccacctc 60
tttctacatt tatgggattg agctctccac cagccaccca tgggctgatg tctttggaat 120
atggatctag taccaacaga gtcagaaaaa gagatggggg ccaatgggct acagttgggt 180
ggtggtcctg ggatacacag cacagtggcc tctactgggg gatggcagct ttccaggaga 240
agagtcgcaa gcttgctgtg gggacttntg tcttgtggag aggacagggc tgcctcagct 300
tgggngagac agacagagtt ttccgggtcc cctttttccg ccgcagcatt gaagtttttg 360
gggggctact tggactcatg gcatagaaga cttnggcatt tntcagggat cangggcacc 420
cgttcccagg gaggtcttga aag                                     443
```

<210> 2945

<211> 386

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. R70319

<220>

<221> unsure

<222> (1)..(386)

<223> n = a or c or g or t

<400> 2945

```
atggaaaaac aggatattgt ttattttaag gtaggcattg gctcagtgga ttcacatcca 60
aaaagctgag cattgaacaa agactgagca ggatttttat aagcaggctt acagaagcaa 120
aacaggcagt taatcatata atgacaggtc acataatcta tagcataact gatgacttgg 180
cataacttgt ggctttgcat agctgggtggc cttgtagctg cgtggaaaga aaaaacaaga 240
actggctaaa tacagacaga catttgtcct tttttttttt tccttcaccc ttgctccaga 300
cggggggatgt ctggngccta ttcnnttggg ttcgacttct cgaagagcat tatcttataa 360
ttgtctttga agtgagcttg ctaggc                                     386
```

<210> 2946

<211> 229

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. R70532

<400> 2946

```
ctttttaatg tctgaaggtc tatggggact gtctcctagg atctttgcat gtctgttgaa 60
acaaggcagc tggggaacag tacttgtgct actgagtcca taggctcatc tgttatttgc 120
ctggggagcc aggggggtaa attcccgaat ccagcattgc tctcctgcgg gctgtttcc 180
tggaacact gtggttttagc cgtctcagtc gttcctgagc attctgtag                229
```

<210> 2947

<211> 291

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. R70790

<220>

<221> unsure

<222> (1)..(291)

<223> n = a or c or g or t

<210> 2951
 <211> 284
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. R71395

<220>
 <221> unsure
 <222> (1)..(284)
 <223> n = a or c or g or t

<400> 2951
 tggaaaaaan nacaacttta ttttcagtca tttctatttc cttgggttatg aacaaaggta 60
 gcaaagtgc gttgtatcag cagtgccaat agaaattaca gagtttttca tatcccttta 120
 cagtttgcca caggtatcctt aaaatattgt ttacactcat ctctcttcag ttaccattg 180
 tttaataggc ctaccctcga tctttttatt caatatgtta ataaagaaac ctatacacat 240
 agtatcacgt tatacatttt aaaantnttt tgacaactgt atat 284

<210> 2952
 <211> 551
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. R71459

<220>
 <221> unsure
 <222> (1)..(551)
 <223> n = a or c or g or t

<400> 2952
 gttcataacc aacaatataa accgtggtct catgtaacac ataaacaatt catgcctttc 60
 atagttttatt attattaaag tctaaacaaa attgcaattt cttaggtaac cttatattta 120
 caataaatga agattaccct caaatgctag aagctgtcta ggtccgtccg gtgtgtcaga 180
 ttttctcag attagatgtg ccaataacca agttttattca gtaaacaact tgtacttgtt 240
 tcatctggtt ttattactct caccataaaa cagtaatgac tctctgacct tctggaaata 300
 tgtaatgctt ccaatcttgc tttgtgtatc tcatttaatt tgttataagg tagtactgat 360
 ttttagcatat taatgcgatt tcttccntgt tgtttgcttt ggnctgtgtt caatccngag 420
 ggccttaaat tgtccattat tttggggagg aaaaccgta tttttgttag gttacatatt 480
 atggaaattt cacttcaggg ggaactgctg ggctnccgtg gcttggtttc ntaggtactt 540
 ttccgtgcg g 551

<210> 2953
 <211> 416
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. R71491

<400> 2953
 cattctcagt ttacatttat tgagtgtcga ctgtgtgccg ggaagtaagc caggtgctag 60
 aaacggcaaa ggagcaggga agaggcgggt cagccgctgg gttgaccctg gttataacag 120
 ggtacggatt aacccttcag gctcccttcc gagggcctgg gcgggggtctt ggggccgctc 180
 ctgcccaggg tggtctttcc agcaatggaa agggattcag cgaggtaaga cgcttcccct 240
 ctctccatt cagagagcgg cacacaagaa atctacacag tcttcccaac atgtacacac 300
 cctgacatgc ccggatgcat ctcacactta ggataaacac acacggacac agtcagaggc 360
 acggtccccg agctgtattg aggggtgcggg ttacaggtgc tgcctacgtg accgtg 416

<210> 2954
<211> 368
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. R72087

<220>
<221> unsure
<222> (1)..(368)
<223> n = a or c or g or t

<400> 2954
caagggctgg aattnaaatt attgtcacag agcacaggag agaccgcttg ggtctcaatg 60
aaggtttgct tttcctcttc tccaggggaa gctactgcaa gaaggccac cagccaggct 120
aggtcaaattg gggttggggc cacaacatga tagttaaac cataaacaca gacttgattc 180
gntcccagct tcacgacttc ttagctgtgt gaccttaggt aagtctgtta acctctctca 240
gccttggtt tgtggagtgg agtgaagagc agggcctgct tctactgggt nttatcagga 300
tggaggggga caaggcctnt gaaagtntt agcacagcgc ctgggcagat cgtgaccagt 360
cacggagt 368

<210> 2955
<211> 355
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. R72886

<220>
<221> unsure
<222> (1)..(355)
<223> n = a or c or g or t

<400> 2955
aagaganntn attttattga tatttaaata tattaaatat ttcactgaaa tacanggntc 60
accanccncc cccaccccc cagtggntac attataaaac caaagccan gggctccac 120
ctcctgactc ctctaccaac tgggtgagga aagggacaat ggtagccag ggggaaggga 180
tggctggcac tgtggtacgg ggatccaggg tntggacang ccctcccacc tgggnaagaa 240
gcagagacaa gccacccaag gctgaggtnt tcccactctg atctacttat accctcacc 300
ctaccccatg ggcaccaagt aggtctcttc ctatcccttc ctatccgggg atatg 355

<210> 2956
<211> 439
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. R73468

<220>
<221> unsure
<222> (1)..(439)
<223> n = a or c or g or t

<400> 2956
ttttattgct tggatatnant tattgacaag ttcaaattta atgacatgtt acagtttcat 60
ttgaacagtg tattactgta ttaaagtata gcacatagc taaaagaata ggctctagat 120
tcagaccggc tgaatttgaa tcctagatct gccacttaca tgaacctggc caagtaattt 180

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aatctcccta ggcctcgatt attcccatct gtcaaaaaga aatattaaat ggtacttata 240
tcatagtatt gtaatggaga ttgagctaag gcatcaaagg tgcttaaaac aaggaatgcc 300
acataattct tcaggaaata tatgtaattg ttattattta tcaccagttt ctagtgccca 360
atactaggaa tgtgtctggg gnttcaaaga taggtgcgag ggancatgt aaagtgtatg 420
cntgccatac aagtntgtc 439

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<210> 2957

<211> 448

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. R73485

<220>

<221> unsure

<222> (1)..(448)

<223> n = a or c or g or t

<400> 2957

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ggcatgggtcc tangntatatt tcagacattc tcgcttcaca gaaagaaaca ggggtgagggg 60
ctcaagagag aggtgcccc agggagaagc acgggaacgc tgaactggcc gaggggcttn 120
tcctcatcct caggggtagg gggaagcccc catctgccag tctggctgga aggggaataga 180
tatagagcag aggccctgag tgggaagggtga canttaacca aacagccaag gccaaggaga 240
ggaggggccc taaggccttag agaggccctn aggaccaacc ttgctctgcc atctgacctt 300
gcccttntag gcctcctntg aactcccaaa atntgacctg tgccatcacc gagggccgcag 360
gaacaagagg tgggtntcca tgacattggg acctttcatc cctnttttca gcagggtttc 420
cccaccctgg gngcagcaga agaagggt 448

```

<210> 2958

<211> 469

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. R73565

<220>

<221> unsure

<222> (1)..(469)

<223> n = a or c or g or t

<400> 2958

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tcacgtttta anatttttaca aatgcctctt acccatctgg ccaggnacca actctgaagg 60
gggtgacctc aaccagccc ttgtttctgt gaggtcctgc ttttgagaa tggcctgccc 120
ctgggactgg agcagacttg ggtgagctct aggtggaggg tgggtggagg ggcataaaaa 180
taaaccttcc tctccatcag aaggaacctg tgatcccagc ttttccttca gtcaccacca 240
cctcgtgaca ctagaaagcc taccgtcaca gatttccagc ttactcaaac cccacagggt 300
ggggtcaaata gcatgttaac ctaatttggg ggaaaaaaga ctcaatnttg aaagcctgag 360
gcaaagtaaa ggggttacaca ggacagtgtc aagtatatgg ccatacttca taccnggggt 420
tttccctaag gcaagaacta ttagttttcc tttttaaagt gttagcttt 469

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<210> 2959

<211> 290

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. R73569

<220>

<221> unsure
<222> (1)..(290)
<223> n = a or c or g or t

<400> 2959
ntttcatcat aattanagtn tttattatta tttgctatca cagagtagtg tacaactaac 60
agaacaatta tattgggtaa gctgcacgaa aaacaattga agagggaaaa ataatatctc 120
cntatatatg taattgattt gtactatgca ctaataaagc ctgccttaaa tttctgttct 180
agtttaaacc ccgaaacagt accaggcaag gttagtggct attgaaaata tcattaagga 240
cagggttatc taaagacaca ctggatacta cattantttt gcaaaaantaa 290

<210> 2960
<211> 314
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. R73816

<220>
<221> unsure
<222> (1)..(314)
<223> n = a or c or g or t

<400> 2960
acctgcaaat caaggtaatc gaaccaagtg cctacatcag acatgatagg caaagaccag 60
atctgagggg tcagaaaaca ctgacaacaa tgatcagagc taccacttta aagtaggaaa 120
gaaggtagac aagcaggatg ccaatcaaag ttctgttaca gactttcctg aacantcgaa 180
acgtatctag ctgacggcag cttgtcttgt ttcttttgc aaaatgggtc tttccttgtg 240
tcattccatt ttgatgtatg tgagcaaagn ttgcttgtat gaagntcaga caccttttgt 300
gttaacacta ccaa 314

<210> 2961
<211> 385
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. R76363

<220>
<221> unsure
<222> (1)..(385)
<223> n = a or c or g or t

<400> 2961
cttatctcag gaaaggaaaa tatgcatggt tgggtgagaat ctaataacat taaaatgctg 60
gggcaagatg cagtacaaag ttgaagagac tttattctca ataagttgat ttactgatga 120
tatgtcatat gatgcaaaaa aggttttgtg tcattaactg aaaagtagca gcttctctat 180
ccagggatga tgagtcaaca ggtttacta atatttgtca tgctgtagca tttgtaagat 240
ttgtaaatga tgaaattcaa agaaaacttt ttctattgct aggggcctgc cagaacaaag 300
gccaatatat aatgtttgtga catcatatct gattacceng aggtctgggt ntctacantc 360
cgggggcccc cttccggtgg ttttc 385

<210> 2962
<211> 398
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. R76782

<400> 2962
ctgtgcagtc tttatattatg ctgactcagt gacttcaaca ggcttaatatca tgtgggtcagg 60
tttgttgcca gctgcataat gctcccacat ctgtagatag agccgctcta gttccattgt 120
gtattgtttg gtgttgaaca gagggctaga tattctttgc ttccagactt tgccacgaaa 180
tttcttcagg tattctagat cagttcccag cttcacagct atgtcttcat attcttgtct 240
gttttttagca ataagctcaa gacaacctaa ggcaagtgaag ctgggggatgc tgcaactcga 300
ggaaggcaag gagtctctcc tgggcatagg tcaccatggg ggggtccctg cccaggaggg 360
acatccatcc ctgtgggtgt gcccttaca gagtggga 398

<210> 2963
<211> 389
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. R77451

<220>
<221> unsure
<222> (1)..(389)
<223> n = a or c or g or t

<400> 2963
aattaatata cataatgtat agtagttcat ataatttatt aatggcattt nctataggac 60
actgtaatta attcagtgac atcaatattg acctcataca gacaaaagat gaaagctggg 120
ttttctcgtg taccaagtac aaaacatgtg ctaaaaagtt aacatacaca gttgtaagag 180
nncaacgtcg ggntgactca ngttntagt agttgcttca cacggttttc caagacttgg 240
ntgccacca gtgttgccgt gtttgtgcaa atgccagctc tgggncggcc tgactacctc 300
cttttgccag cccactttt gcctgtttta ctgctgccgc tgctaggatt tgccagatgn 360
ttttgaagng aagagtcttg tcatgnact 389

<210> 2964
<211> 401
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. R77539

<220>
<221> unsure
<222> (1)..(401)
<223> n = a or c or g or t

<400> 2964
taaggggtgga ctagtaataa aatataatat tcttgctgct tatgcantgg acattgttgc 60
cctccctaaa gcaaccaagt agcctttatt tcccacagtg aaagaaaacg ctggcctatc 120
agttacatta caaaaggcag atttcaagag gattgagtaa gtagttggat ggctttcata 180
aaaacaagaa ttcaagaaga ggattcatgc tttaagaaac atttgttata cattcctcac 240
aaattatacc tggggataaa aactatgtag gcagggcagt gtgttttcct tccatgtctc 300
tctggcacta cctgncagtg tgttcctctg gagggctggc aagtctgttc ctattctgaa 360
tttcccaggc aggaaggcac taaggaaggt tcccaacctn t 401

<210> 2965
<211> 435
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. R77628

<220>
 <221> unsure
 <222> (1)..(435)
 <223> n = a or c or g or t

<400> 2965
 agtgaaagtg gcttgattaa aagactcctt ttaaattggaa gccaccagtc agcagaatgg 60
 aagcttagag gaacttgcct gtgagcgtg gtctttgtgt ttggttttgt gatgtaacga 120
 tctttgctgg ggttttttgc tttgttttga gggaaatgtc ttggagtaaa ttttaagtgc 180
 cngngttaa tttgttttac aggaattttg ttttttaaaa aaataggatc attctgaact 240
 ttggaatggc ccccttatat attttctgaa aatgaaaaca gttacatgaa aaaaatttcc 300
 aatgaaggat gtcagcattt tatggaaaaa ccagaagtta ttaggatgaa agcagcaggt 360
 gaatcctttt aaaaccagac tttgatccac gnacacacat taagnctttt ntctccgaaa 420
 cccggagtaa ntcca 435

<210> 2966
 <211> 429
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. R77631

<220>
 <221> unsure
 <222> (1)..(429)
 <223> n = a or c or g or t

<400> 2966
 tattttttgta gagatggggg agacaaacgg taaacagatg tttcctttcc gatagtgaca 60
 ggtgctgggg ggaactaga ctggctggcg ggggtggggc agccctgcag gagctgaatg 120
 aggagaggct gcagagggag gggctggtac ctgaggggct gtttgtgaga attagctggg 180
 tcggtggaga agcagaggaa cacctgaggg gctccaggag aagcaggtag ggagaagagg 240
 ttttctgagg ggtngaggca ggggtcatac atgctgggcc ttcaagggcc atgatatggg 300
 tatcattact atgtaataaa ccaccccaa tgcagtggct taaacaacta cttatttctc 360
 atgattatat gctgggctgc cngggtncac aactgtgccg gtnttttaac aaccttcttt 420
 tcagangtt 429

<210> 2967
 <211> 325
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. R78713

<220>
 <221> unsure
 <222> (1)..(325)
 <223> n = a or c or g or t

<400> 2967
 ccccatgtta gccaggctgg tcacgaactc ctgacctcaa gtgatccgcc tgcctcagcc 60
 tcccaaagtg gcagaattac aggcattgagc cgcttgtgcc cggctgagat tttacatttt 120
 tttaatggct ggaaacataa ttcaaaacaa taatatttca cgacacatga ccatcacatg 180
 aaattcaaatt ttcagtgtcc ataataangt tgtattgang cacagtgaca ctctttgtt 240
 tacatactag ctacagacac tttcatactc acagcaaagc ttactagttn ttangagacc 300
 atatgtccca caangcattt acaaa 325

<210> 2968

<211> 433
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. R79246

<220>
<221> unsure
<222> (1)..(433)
<223> n = a or c or g or t

<400> 2968
ctgggacaat taaantttat ttttcatata tatatatatn nccatatata tatatacatn 60
catatatang ggaaacaatt tgcaaattta cacacctgac aaaaccatat atacacacat 120
atgtatgcat acacacagac agacacacac acccgaggct gctngccagg cccgttttcc 180
anccctaagt accattctct catttgggcc cttctagggt tggggccctg agcttggttt 240
gtagaagttt ggtgctaata taaccatagc tttaatcccc atgaaggaca gtgtagacct 300
catcttttga tgctccccgc tgcctttcag ttttacgtga tccatcaaga gggctatggg 360
gagccaagtg aacacggggg gnttgaggct aattcacctg gaactcgaaa acagcgccca 420
gttttcctna ccg 433

<210> 2969
<211> 430
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. R79580

<220>
<221> unsure
<222> (1)..(430)
<223> n = a or c or g or t

<400> 2969
ctcaanttta cagtttatta cagtgaagg ataaagatta aaatcagcaa tgaagaaagg 60
cacataagg t aggtccaag agaacttcca attatctct cctggcagag tcttcaggat 120
aatgcttaat tctcccagca atgatgtgtg gctacaatga tgtgtgcaca gagtattacc 180
aaccagagta gctcacccat gcctagggtg tccaggggct tactaggggn ttgatcacat 240
tgggcatgct tcaactgcca catgggctaa cttagggtct ctcaggcttg accttggcaa 300
gggtcaagct ggaattactg catgggcccc aaggccccac agggtaaaca aaaacactct 360
tnttcagggg caaggatatt tcttaatggg cttaggaggg tttttcttcc cgggggngcc 420
cggggnaggg 430

<210> 2970
<211> 227
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. R79750

<400> 2970
ctggaagact cttgaacttg tgaactgatg tgaaatgcag aatctctttt gagtctttgc 60
tgtttggaag attgaaaaat attgttcagc atgggtgacc accagaaagt aatcttaagc 120
catctagatg tcacaattga aacaaactgg ggagttgggt gctattgtaa aataaaatat 180
actgttttga aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaaa 227

<210> 2971
<211> 359

<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. R80048

<220>
<221> unsure
<222> (1)..(359)
<223> n = a or c or g or t

<400> 2971
tatgtacata tattgtctgt ccatatgtat ttgtaaatag gttgtatata atgtcagggt 60
tgggtcttgg gttcaagtgt atatatctct gtaagtttct taactgcatt ttgatgaatt 120
cacattatgt aactataaga attgtcccaa aagtacctgt acagaaaatt gaattattgaa 180
aaattgacaa attgtgtaca aacactaaaa aaaacttggt taaattgtat ttgcaataaa 240
caacatcaaa ttttttcatg gaaatcttgg gtacaaattc aggtgctctt atttaaaaaat 300
tttaataaag gggnttacat tttccaaaaat ggcggtatcc aaatgtggat cntgggtgtt 359

<210> 2972
<211> 406
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. R80573

<220>
<221> unsure
<222> (1)..(406)
<223> n = a or c or g or t

<400> 2972
caacccttga atatcagatg aagagaaaaac ttgactccaa catcttacca caactctggt 60
ttcttctctgc agaattcatt ttcagaggaa aatgatgaat catccctgtc tgtgaaccac 120
tgtgtcttcc ttgagggtgg cattgtagggt tgacaccagc aaagactcag agtgacttga 180
gcattggaga tccttctact tggctgctgt attcatgcat tatgttgggt tgagaatagc 240
tagtgtattg atccaagtag tcaaagtgtc ttaaaaggac acctatttgt ccttttgagc 300
cccagctgga gtngaatact ggatagtggg actaggaaaa gcatagtcca aggaaaagtg 360
gaccacactt gtttanttgg accaggcagt tntagctgga ggaggt 406

<210> 2973
<211> 382
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. R82074

<220>
<221> unsure
<222> (1)..(382)
<223> n = a or c or g or t

<400> 2973
ttttntang aaatgacaag taccgtttat tgtcgttaca caaatgaacc cagcctctgg 60
cttgggcacc gtcccacgga ccagcagatg agcatgggtca gccgaccctt tccccaccc 120
ccgagtcatt tgcagtcata cantccaggg agaaagtcgc agtntcgant accggacaca 180
ggttcccttg gnttgggtgg gcatctntga tccacagant ggccacactn tcggagtggc 240
caacggagtc gntgaaacgt tgtcaaataa gncaagtaag tgcaggagcc ctggggntgg 300
ggggcctntg gcttntgnca gccgggtggg gaggagggat ntccaagggt tctgcggggg 360

agggcctcgg cttccanacc tc

382

<210> 2974

<211> 466

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. R82229

<220>

<221> unsure

<222> (1)..(466)

<223> n = a or c or g or t

<400> 2974

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gaagagcctg cattcctgac cgaaccttca gttggtctcg gttgtcgttt tttcttgctg 60
ctcctccccc catcacctga gctgttttct gttggcccct tttgtttttt ggccttaacg 120
ctcctgctgc acagggtgag gtgcctcctt ggcacagact gtggatgcct ctccccagc 180
agagccacac agccttcgtg acaactgctt tccgttccca cattcacctc atcctgctct 240
ttagaaaaag cagtctttgt gcttggtggt gaacgcatca ccctgggact ctgctagtgt 300
cttcttgagg acactgatgg acactggatt taatgataac agacctttgg cagggacctg 360
gatggagttg accctttttg ggagctgggc cagggtcctc tggcaggcag ggcaaggacc 420
aattcantca ttggaacctg gcntcatggg naccagagtt gaacan 466
```

<210> 2975

<211> 429

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. R82837

<220>

<221> unsure

<222> (1)..(429)

<223> n = a or c or g or t

<400> 2975

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agttnatnaa taaactgtat tattacttgc agtcatcgac atctaggcaa gatgtacaat 60
gtgatacttg acaaaattca gtctgatcat ccaataactc acaaatgcaa gctcacaaaa 120
cattaatgaa ttatgcaatt gcaaagtgtc ctaatgcaac attaaccaca tgcaatcaac 180
aatattgggna cagtatccaa acagacatta tacgttaaac gtttagtttt caaggaaaga 240
aagcagcttg aagtttactg ggtgcaaatt aatttttggtc ttcagatttg ggngcccca 300
aacaaaaggg ttagggnttg gattatggaa ttctgatggg tgggtgggac cgcnggttat 360
gggggggggna gccggccgga aacttttggg gggngtttct tccaaaatta ggnccctttn 420
cccggnccg 429
```

<210> 2976

<211> 427

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. R85266

<220>

<221> unsure

<222> (1)..(427)

<223> n = a or c or g or t

<400> 2976
 anttangatt taatatatatt attgaaatac aaagagtcaa tataaagaaa aatagaggtc 60
 accatacttg gccacagtta gaccgctcat agggcccatgg ctgctgcaac catgggcagg 120
 acacagaggg agtccagcct ctactgataa atctgggcag gttcaccttc gcaggccaag 180
 ccaggggcca tccctgggtt tgcgaaacct ggggggttttc caggggaagcc ggctgctcca 240
 gagctagctn tcaagtnttt agccccacag gctgggtgcc cagaggcact tccacaggag 300
 cagcctcggg nttcacccac acccaaggag tttccnaggc aggaggcaag caagggtnaa 360
 gggaggggttc aggggtccac aacagcagtt ngcaggggtc cngcccttag ggcttcagag 420
 ncttttt 427

<210> 2977
 <211> 127
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. R87373

<400> 2977
 tcagattatt cccttaggat agtctctcag tgccaagttg tcaaaaacat ctctatcttg 60
 cttatcttcc tgctctcttg ctgccttagg gggtagtaaa ctgaaacata aagtaaacad 120
 gcataca 127

<210> 2978
 <211> 361
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. R87989

<220>
 <221> unsure
 <222> (1)..(361)
 <223> n = a or c or g or t

<400> 2978
 tgcantaant ttcaggggtt attgttgaag gagaagatga aggaggtggt gaagtgctag 60
 gaaaataaat nctagatgag aggcagtaca tgtccctcag ccagggaag gcacccctct 120
 ggggtgatttc catagggagc aagcaaattgc aatttgcctc attcccaggt gagttggggt 180
 cctccccagg gttgcagatt tacttccctc tcttggaac acccgccgac ctggggctcc 240
 tgggtgccta acagagccag gnttttccct tggcaaacct gtaggtttgc ggaggggcca 300
 tgacccatga cacagtcttc tgtctgtgtg ctcttgggct gtggctgcta cctgggaggg 360
 g 361

<210> 2979
 <211> 355
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. R89811

<220>
 <221> unsure
 <222> (1)..(355)
 <223> n = a or c or g or t

<400> 2979
 tcagcaaggc agggaatggt ggggaaccagg gntgtcccgc tggaggggtca ggagggagcc 60
 acaagccgcc tgggagggccg tatccggctg ttgatccagt ccacatagtt ggccacgcgg 120

```
gtntagaccc cgggcttggt gagccgcccc cagccgtcac cccagctgat gatgccgtag 180
aggtaagcca cgccgttctt ctgcgagggc aggggcccc tgagtccccc tggcaggcgt 240
cggacttgca gtcgaagtag ccggcacaga gcatnttggg gctgatgttc ggcgccgtag 300
acctcagggc tncctgactt gtgggtcggc gaccaggggg gaccagggnt ttccc 355
```

<210> 2980
 <211> 318
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. R91060

<220>
 <221> unsure
 <222> (1)..(318)
 <223> n = a or c or g or t

```
<400> 2980
ttgtcttaga aatctatagg aatttttaat gtatatntnc nanaccagtn cantctttac 60
atgtttagtg aggtagcctc taaactgggt cccaatganc ctcaccctcc tgggggggtgc 120
cttgtaaaaa ctccccttga atgtaagctg gagttattgc cttgcttcta acaaaaaagaa 180
tatgggcaga agtgatgggg tgccacttcc aagactaaaa tactgtgggt tncatctctg 240
gggtgtttnc tctnactccc ttctaggaaa ggccagctct gagggggccgg ctaacatccn 300
cagggggggg gccccaag 318
```

<210> 2981
 <211> 386
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. R91503

<220>
 <221> unsure
 <222> (1)..(386)
 <223> n = a or c or g or t

```
<400> 2981
acatttatatt tcttaacctg ggtagtaggt tcatgggtgt tcacttatcc ttttttaaaa 60
cgtacatttt atacacactt ttgtatgtat tctgtatttt ataaaaaata aaattaaata 120
agaaattatt cttatagtcc ttttctaacc catggggcct tctgctagaa ttttgtgctg 180
ttcacattct caatgccagc ttccttagcc ataaagtaaa aggtccagg ggattttag 240
gcagttcttc agggctgccg cactctataa tcttcccgtt gtctagggnc cattaccttg 300
tactgtcca tgatggngt gcagcctgtg gggggnatgg gngatcactg tgncagtggg 360
gcgaactcgt tttgggatgg gncgtc 386
```

<210> 2982
 <211> 338
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. R91753

```
<400> 2982
tagtttggcc actccctaga ttcttggttt accagcttat aaagagtaca cctaagaggc 60
agtataatat acgactaaa aaccatttcc ccctttatca tctttggcta gaagcctcat 120
gaaaggaaac tgaggacggc agaggcaggc aggtccgtg cgcttctgcc tcacacgtca 180
ctgaccggaa ggctcgcac gtccaagtct actaggtcac aatctttttc ctgagggccca 240
```

tttttacttt gaggtcttaa cagagcttgt tcagtcactt tggaagctgg gttctcttgg 300
gagagacagt ctgggacctt gaagttccct gggcttga 338

<210> 2983
<211> 409
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. R91819

<220>
<221> unsure
<222> (1) .. (409)
<223> n = a or c or g or t

<400> 2983
caataacaac gtaccgtaca aaacctgcct cccagctcgt ggggcaggca gtntgggtggc 60
caaggagcgc tagaaaacca gggctcttgt cccaaaagag gagaggaaag aggggttttgc 120
agtcaaggaa aaacaatcaa aaccacaacat gatcgaagag aagccctgaa tctgcatcag 180
agggaggggc cgtgggcagt tgtcgcaact tggccactgc ggcggcacca gtacggggag 240
ctgtgattcc tagggagggn ttggggccag ctcacaagtt tatttattta tttttttgag 300
acggagggag tctccctctg ttaccgggt tggagtgcag tnggcacgaa tcttctggct 360
tcacttgcaa cctccattnt cctgggggggt tcaagagatt tntcacggc 409

<210> 2984
<211> 359
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. R92449

<220>
<221> unsure
<222> (1) .. (359)
<223> n = a or c or g or t

<400> 2984
acaacaaccc tatgaggtag gtactattat tcccatttta aagatgtgaa aattctatac 60
agagagggtta agtaacttgc atcaagtcag agagttaata aatgaggag ctgattaaaa 120
ttcaggcgcc tgggtaccca agttcctgtt cttaccact acactctagg cagcctctaa 180
gttttagggcc tgcaaccaga gttcctccag gggaaggga cgcttcagg tcatgggaga 240
agttcaaggg ggaaaatc ccaatgggt ctgtctccaa atggggggag atccctaagg 300
gggccagagg aagggtnagg gccaagggg gaggccttcc acttacagn gaggccagg 359

<210> 2985
<211> 260
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. R92458

<220>
<221> unsure
<222> (1) .. (260)
<223> n = a or c or g or t

<400> 2985
tttgattgct tgcagaataa agcctatcct tgaaagccct gcatcatggg cagtgagcnc 60

```

agtggnatct gngggacagg gcactggcca ctccagtcac catcttctgc caggnggcct 120
gcacctcagg ggtgaattct ttgccgaaat ggattgccaa aacggtcacc agcacatttc 180
ccaggggctt gaagttctca gggatccaca tgcagcttgt cacagtgcag ttcactcagc 240
tggggcaaaa gnggccctt                                     260

```

```

<210> 2986
<211> 377
<212> DNA
<213> Homo sapiens

```

```

<220>
<223> Genbank Accession No. R92475

```

```

<220>
<221> unsure
<222> (1)..(377)
<223> n = a or c or g or t

```

```

<400> 2986
gatttataaat acatctttca tacattgttt aaaaggaaaa aggaatcatg tcaaaatggt 60
tcaggaaatg atttaagtta gatataaaga ncatagttct gattttgaag tgtagtgga 120
actcaaacag aaatgattag ngctctctta agancatgac atgattctta aagtgggcta 180
tttcagagcc tagaaataac actgtattac tgactaatgt ctacagagta ctgcaaaaga 240
tgctggaata ggaaaaggca gggtggtgt gaaantttta atttttaaat aggcaaagcc 300
cctgtctggg ggtattgtca ggtaactttc nggaaatccn aggaggaaaa tgatggttag 360
gggnccacnc caggggg                                     377

```

```

<210> 2987
<211> 357
<212> DNA
<213> Homo sapiens

```

```

<220>
<223> Genbank Accession No. R92737

```

```

<220>
<221> unsure
<222> (1)..(357)
<223> n = a or c or g or t

```

```

<400> 2987
ttaatatataa agtaaaagag tacattgttg agtagaggat taaaggagtg acgacccttt 60
ctaaagtggg gtctcccatc ccggatccct aagactgtaa catctgctac atacattaaa 120
ancaaaaacaa aacaaaagca aacatgaaac ttatgacctg acttcactcc acccttcatg 180
cctgcattat gacagaaaca cgtcccactg ctccctactta tgtatgtaca tccagaggct 240
ccaaacctaa ggctgtgggc cccctcctcc caggccccac acacacacac ccctggcaca 300
cacatggcac acacatggca cacacatggc acacacacac atacctggct ggcccat 357

```

```

<210> 2988
<211> 401
<212> DNA
<213> Homo sapiens

```

```

<220>
<223> Genbank Accession No. R92768

```

```

<220>
<221> unsure
<222> (1)..(401)
<223> n = a or c or g or t

```

<400> 2988
acagtaccat agtattccac tgtctagtat actataagtg anctatatac caataatgaa 60
tacttaagggt tgtttcaaact cttttattat tagaaaagtg ctgccagaaa catccttgcc 120
atgcttctgt atgtactggg gctagtggtt ctatcagata aattttttaga catgaagtga 180
attactaggc ataggnaata taatttacac ttttgataga tactgagttt ttgctcattt 240
gctacatgaa gcagaggcag agtattctgt gtgggggttg ggacaggaac actgaccctt 300
gaagtcgagc cgggggggtct aacatagggtg ggtcatttgt ccagcctgtt ttatgggaag 360
ggaactggga ctctgagctt tgggggggaat ttcccgaag g 401

<210> 2989

<211> 328

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. R92994

<220>

<221> unsure

<222> (1)..(328)

<223> n = a or c or g or t

<400> 2989
tgagccaaaa tatatatact taatttttagt tatgccagaa gtaagtataa tttctcagtc 60
caaggatggt aggaagcaac ttacagagca tgcttcaaact aganttctct tggcctttga 120
aggtaactat tttcaaactt aatagtagag tcaagcaaga ntggacaatt agagttnca 180
aanttgaaaa ntattatgta ttttatataa tcattaccta tggtttacag attttatttt 240
tatgatacat atctctaagg taggtgggta cactgaggac ataggcaant atgccaataa 300
atacttattt aagctggaag tganctaa 328

<210> 2990

<211> 334

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. R93507

<220>

<221> unsure

<222> (1)..(334)

<223> n = a or c or g or t

<400> 2990
attttncatg catttggtac tcaagaaaat aaacatacaa ccacttaaaa tacagcattc 60
acgttggtcac tggtnctggg tatcaggtaa ggaaaaaatg atgctcatgn ccctagaatt 120
tnccatgtac atgtcagtat cctaattgctt acagacttcc tattaatttt gttatcagca 180
tctcccacct aaaaacatat actacattat gttctgggtc cctgaaattt cattactaca 240
tacagtgtta atttttactt ttcctcaagt ttaatgtaga catacaagaa ancatcaagg 300
caatgtttat tgtgcaattc caatccatta tttg 334

<210> 2991

<211> 431

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. R93714

<220>

<221> unsure

<222> (1)..(431)

<223> n = a or c or g or t

<400> 2991

```
aagtaagang gnnnnaanac ccaactggcta gaagccctgg gtgactttga agagagaata 60
ctgcttggat gtgttctcat tgttgatatt cgcaagagac tcggtggcag cctccagcac 120
ttggtgattg gaagagtcag tgggtatgga gcttgggcag tcagggcacg tcatgtaaata 180
cttttttttt gaaattgccc gtctgtattc ctggggcgct gttcactcgg ttgagtctca 240
gcacatagcc atcctttctg tctttgttaa tatcccgag gcaaaagcct gcaactgccca 300
gcacatcgga gtcattgcag ccccgggaga gcagagccga ggggttgagg ggccagctng 360
gggttgagga cattgcttcc gnagcacagg acttgggatg cagagtncca gggggaaggn 420
gcagaccctt t                                     431
```

<210> 2992

<211> 489

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. R93776

<400> 2992

```
gctccccaat accagaagt agttcggcaa agagaaggcc acggagaatg accccatttt 60
ggagaggggt ttccctcagg cctattggag cctcctgccg ggatgattct gagtgtatca 120
caaggctatg cagaaaaaga cgctgttcct taagtgtggc ccaggaatga tgtacatacc 180
agggaaagaa ggacagcagt cacctccgac aatgctccgt tctatggaat attgattaac 240
tgcatatttg ctggagacac ccaagtgaag caatcttgta tttttaatat ttaaaggcag 300
atgtacgctt taaattggct tccatttctt cttagaatgt tgatatatgg ataaggcata 360
actaaacttg ttcaatttag gagtttattt ttctatgggt actatttaaa tgtctcaaata 420
tggaattttt agcagtctgg gatttcaagc ttttgagggg aaaggagggg tcacttttgt 480
atactaaag                                     489
```

<210> 2993

<211> 223

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. R93908

<220>

<221> unsure

<222> (1)..(223)

<223> n = a or c or g or t

<400> 2993

```
catatatnna atantaaaaa tcctggggagg cattgcactg taatagtaag tctgcccata 60
caggntcatg catgtctttt ctttcattca agtcttattt tataatctttc agtaaatattt 120
catatagatc ttgtgaatcg aattattttt acatttcaaa ttcaactaac aattattaata 180
aganaatgaa aacattgatt tttttcaata tttattttgt gtc                                     223
```

<210> 2994

<211> 500

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. R94662

<220>

<221> unsure

<222> (1)..(500)

<223> n = a or c or g or t

<400> 2994

```
aatgaagatg gctctctgca gaagaaatta aaagtctggt tccggattcc aaaccaattt 60
caaagcgacc caccagctcc cagtgacaaa agcgttaaga ttgaggaacg ggaaggcatc 120
actgtctatt ccatgcagtt tgggtggttat gccaaaggaag cagactacgt agcacaagcc 180
acccgtctgc gtgctgccct ggaggnacaa gccacctacc ggggggacat ctacttctgc 240
acggggttatg accctcccat gaagccctac ggacggcgca atgagatctg gctgttgaag 300
acatgagtga cccactgaac caagaactta ctgggaagtg tgccctctgtg tctccttcct 360
tcgggggtaa ggaggggaca gtgcttccca agttccagtt ncaagtccaa ttttaaccaat 420
ttcctttcaa agtnagttaa ttgccatttt ntgaaaaaag gctgtttcct attattagtt 480
ttttntcac agtgggnatt 500
```

<210> 2995

<211> 377

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. R94674

<220>

<221> unsure

<222> (1)..(377)

<223> n = a or c or g or t

<400> 2995

```
aaattactaa aatgtttctc atataacagt aatgattatt ctaagcaact gcatgagcct 60
tggaagattc ttcattctca acacatgttc ctctttcaga aaatatcaaa actctcattt 120
ctctgttgtc caccttcctc ctgaggggac tcaggccaca cagggggtct cttctgactg 180
agaatcccna atactganga tgtggggcatc accagtgata tgggtttggg ctatgtcccc 240
actgaaattg caacttgaat ttatcttctg ggaattccca catgttgggg gaggggaccc 300
ggggggaggg tcatcgaatc agggggggcc agtctttccn gtggctattc tcatgatagg 360
taaggtctca tgaggat 377
```

<210> 2996

<211> 179

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. R95966

<220>

<221> unsure

<222> (1)..(179)

<223> n = a or c or g or t

<400> 2996

```
acggggagag tgaggaggaa agaggaaagg aaggccaggg tgggaggaag gancagctaa 60
anctgaggga agaagaagga aaggagaggg actattncat agcagatgca aatgaaggga 120
cttggggcta gtcaggaaga aagggaagg gaaggaaggc aagagagagg ggtgaaggg 179
```

<210> 2997

<211> 389

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. R96417

<220>
 <221> unsure
 <222> (1)..(389)
 <223> n = a or c or g or t

<400> 2997
 tgtactgtag gatgttttagc tgcacccctg accgctatgc ataatgccc gtactgtccc 60
 ccgaagtgtg gacaaccaat gtctccagac attgccacat ataacctggg aaaaaaatt 120
 gcccgaagtt ctgagccact gggtagaact aagggtagtt tagggacaat gttaatgaaa 180
 gcctctccaa agtcccatag tctttttaat aattaattct gcagaatttg ctctttaaaa 240
 acatattttt aaaggcaaga ccagcctatt cataaaaatt gcagttgttt ccacataaga 300
 nctttggata tttaaagaaa aatgtaattt gaaatggaaa ngcccttata aatcccttta 360
 tactcattca gttctttatt aacagttaa 389

<210> 2998
 <211> 354
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. R96527

<220>
 <221> unsure
 <222> (1)..(354)
 <223> n = a or c or g or t

<400> 2998
 acanaantgt gggataatct attttaatga aactcattat atatatattn ncaaaaagan 60
 taaaggaaaa agacaaaaac aaaantagat nttacagctt aataaaaagt acaactgagc 120
 actgtgggct ggaggtggga taccaccccg cagcacgcc accctaattg gccatctgag 180
 ggcttgggga aaggacagtg ggaaggagac agtaggctca gccagagnt gccctgtcc 240
 tcagggnntc antgtagttt gaccctgaca ttaaaccttt tatgtccttc ccagtcagga 300
 aggtggctgg gtacaggggt gggggtgagg agcagagaga ggtacagggc agga 354

<210> 2999
 <211> 252
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. R96822

<220>
 <221> unsure
 <222> (1)..(252)
 <223> n = a or c or g or t

<400> 2999
 nnncccttatt ttccttcaaa aaatagttaa ttctgcacat ttcctagtag gctctctgcc 60
 caccgttcca gggtagcagc tactcataac ttgtctttct ctccaaaacc aagagggcct 120
 tcccaacaga aaaaccttca gttcccaaag cagcatcgat tcttccctc accccagcaa 180
 acctcggggt gggaataatg aatcattcac cttctccac ccctcactgc cccgccccac 240
 cttcatttgc cg 252

<210> 3000
 <211> 334
 <212> DNA
 <213> Homo sapiens

<220>
<223> Genbank Accession No. R96924

<220>
<221> unsure
<222> (1)..(334)
<223> n = a or c or g or t

<400> 3000
agtaaaacttt attngggaga tgggggtgaat ccatcactgg ttactggaac cctgagtctg 60
cattttctcc tcaggaaaggc ggtctgaaat ggagtgggct gtgtttggca agggttgtag 120
tggtttggaa tctctcacct gcttggctcc cgagctgggc ctcaggctgn tctccccaga 180
gtaaatgccc gggatcattg aggaagcgtt ggctgcgctg ggcattgtag ggcaggctctg 240
tacggtccag cgctgtcccc tgcagcgtct ctgggcgctg ggggtgcagggt nagggccnng 300
acgaggaggg aagagcagcc tcgacagaga gtcc 334

<210> 3001
<211> 396
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. R97176

<220>
<221> unsure
<222> (1)..(396)
<223> n = a or c or g or t

<400> 3001
ntanacccat acttttttatt tgtaatttc atcaccccc tcttcttctg atgtgggtccc 60
caccacctct gacatgcacg cattggctag ggcctctcac actgaggctc cacgcgaagg 120
gaagatgcaa agtccagtc ctcaggagc tagtgatgga agtcttggga aaggagagtc 180
ccaagttcaa gaagacagct agggtagaag ggaggagggt cctcaagggg tagaggacag 240
gagtccaagg aggtgggctc aggnctgcggg gtgggcgcct caggagagc ccagaaatct 300
ttccaggggc agcactntct tggaacaggg gctnttgac ttnacgggta ccccgcat 360
tttcattccc caaccttcag ttgggcccc cattgc 396

<210> 3002
<211> 392
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. R97302

<220>
<221> unsure
<222> (1)..(392)
<223> n = a or c or g or t

<400> 3002
ncatgtaact ctctcagtct tgtcagaaca caacttctgc tatggaggaa atatttccat 60
caggaaaggg ccaagttagt gtcttaactt gactgccttg aatggggact ctggacccca 120
ggaagaatgt atttaggctc ctcacaaaaa agagtgatgg ctgggcaaaa caaatgtact 180
gcaagaccca tcttccctcc agttaataca ctcccaggga tgggctgcag agggggagac 240
tctgagagaa gctggaggcc cacaaaagtc cactgacct ctttctgtcc cagaaatgan 300
taaaggacca gttggtgctt tccttccaaa atcctcaaca aagggtggtt gtgctccagg 360
aaaatgtggg ggggttaaaaa aatcatgtcc cg 392

<210> 3003

<211> 349
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. R97419

<220>
<221> unsure
<222> (1)..(349)
<223> n = a or c or g or t

<400> 3003
tttctaacat ttaatctcca cttaggggaat tggagggtcag aaatgaataa aataccatgc 60
cccagtaggc tccagtctag ggaagtgggc agcaggcaga aaccaagaca cagaaagcaa 120
cgacacataa cagatatgct atgatacaaa tgggtgctgca ggagctgcac agttcggagg 180
ccattttctgg ccagaggatg ggatgcgtga aatccaggaa ggcttccagg aaggagtagc 240
tggcactggg atgggcagga acagcaatgt ctctactgat ggtttcattg gagaaagctg 300
gcaaagtga gaagtttgga gactaaccgt gacaaanttt aaacatcag 349

<210> 3004
<211> 454
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. R97711

<220>
<221> unsure
<222> (1)..(454)
<223> n = a or c or g or t

<400> 3004
gtggagactt aactctgtca tggaactccc tgattatggg atttinctgaa gttcacaatg 60
ttaatgtattc taaagggaaa aaattaacca gccatggcct tccaggnaca atctttgagg 120
aaggaagtga gactgtttac cgtgttttct atcagaaaag gaatgttttc agctcatctg 180
cacttggatc aatatTTTTa tctttgggta tcatttggca ttgctgtcac tggagctgca 240
aaaaacatgg gaggagccag gataacccaa aattctcatc ctgcactttg caaaagagag 300
gacaagctgg ggtgtcgctc tgtcatgtgt ggtccacact ccaggagagct tggggccagg 360
gaggggaactg gggaatgcct atgcccattc agcaataggg cgtccggggg ggcacnnggt 420
cagaaagnca tagagggagg gggagggaga antt 454

<210> 3005
<211> 452
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. R97759

<220>
<221> unsure
<222> (1)..(452)
<223> n = a or c or g or t

<400> 3005
acatgactct nnncnataca tctgttgata agaaacccaa gattaattta gacaggtgca 60
ttcaataagg gcagggagggt ctagtgcacg tcccggccgg cccaggagga caggaaaaca 120
tactcacga agtcacacct ggccccgagc cgctttgtcc tgtccttctg caggaggccc 180
tccagggagg tgtcttgagg aatttgtaat atttggtttc agctggggaga ggcttgttca 240

ggaatgttgt cgtacatttc agctgtgttt cgggctataa aaaagggcgg gctggaaaga 300
 aggggggaaa attactttta ggacttaatt ggggaagttt tcatatgggg cacacattta 360
 ccagtaggg aggaaaaagg atattaaacg gggcaataaa tatttagggg ctccgatttt 420
 tgagggaact cttccccac cctncaatgg ct 452

<210> 3006
 <211> 487
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. R97798

<220>
 <221> unsure
 <222> (1)..(487)
 <223> n = a or c or g or t

<400> 3006
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 ctcggaaggt gctctgagga ggtgtgactc tccctggctg acaggggaag gcttagcaga 120
 gctttgtctt agaggagtag atgaaaagga aagtacagag agggcattca ggccaagtca 180
 gcaacacaga caaagtcagg taatgtgggt taagtgcatt ggtgatgagt aaaggggatg 240
 tggctagatg gtgtgagtgt gtgtgtgctt gcatgtgtgc ctgtgtgctg gtgtgtgcat 300
 gtgtgtgtct gtgtgtgagt gacagcaaca gcaaagggcc cgatcatgagt ggctaagacc 360
 agatgtaggg tagactttgg agggggctgc taaggatttt catagggcan tggggaacca 420
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 tgcaatt 487

<210> 3007
 <211> 405
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. R97804

<220>
 <221> unsure
 <222> (1)..(405)
 <223> n = a or c or g or t

<400> 3007
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 gcttcactgg caatattagg gaatgaagaa agttgaattt accagaagtc acctcagaga 120
 atagtaagta taataaaaagg aatatgtaac aagcccctgg ggacaattgg tagagaaacc 180
 ctgttcaccc actaagaaaa aaaaagcagg ctggagtaat agatgatttt agaaagggga 240
 gacaaatgag cagtggcagg gcttcagtta gggtcccagg gagcacaggc attagaacta 300
 cctcccaggg agactcgttc cctgcccttc actagagtag gcagaactaa gagtgcctga 360
 gttgggaatc tctgggggggt cacatgacca catagggagg gaggg 405

<210> 3008
 <211> 489
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. R98073

<220>
 <221> unsure

<222> (1)..(489)

<223> n = a or c or g or t

<400> 3008

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ggagaatctg ctgccagctt caggcagacc tttctgtcct tcgctgtcaa agccagactt 60
ctaaggagta gtgaaaagaaa accctgaaat aatcgaacag gaaaaagttg ccctcaagcc 120
tgacctggaa ccgttcctca ccttcacctt caccatgccc tgctatctcc agctgctgag 180
cantgaaggg tgctgcagcc ccttccttcc cagcccacaa gtgtgtgcat attgagctcc 240
tgctgtgggt aagcactgca acagactcta ccagagatgc aaagagaagc gagagagggc 300
accttgttct ccaagaactt acttgttcca atcatgctgt ggggtggcatt tcctttggaa 360
gatcatngaa ggaataggcc aaactttgtc ttttgagggg tggaattttt gaacactttt 420
taaaataatt caggaagttc acttgagggg ncccaaaggt tagttggaat taantttcaa 480
ggttgaatt 489
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<210> 3009

<211> 452

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. R98074

<220>

<221> unsure

<222> (1)..(452)

<223> n = a or c or g or t

<400> 3009

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catcttttct tngggattgc cttnngagtc attgtataaa tcattaaaaa aagcagactc 120
attgcttttag tttagtgttg ctctatcatc ctcaagtatc tagcttagtc acttgaatta 180
ttcactagct ttgggtctca gtgacttctg attattttta agngtcaaatt tcaccttcaa 240
ngacaagttt ggctattctt catgatcttc aaaggantgc accacagcat gattgggaca 300
gtaaggttct ngggagaaca aggtgcctct ctcggtctct ctttggcatc tctgggtagg 360
agtctgttgc aggtgcttta accacagcag gngtctcaat atggcacaca cttnngggcn 420
gggaggggag ggggctgcgg cncccagcc ga 452
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<210> 3010

<211> 261

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. R98105

<220>

<221> unsure

<222> (1)..(261)

<223> n = a or c or g or t

<400> 3010

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agtannatac cacagagaat agttgggatg aaaggcatcc agcccctgct tcctttaaga 60
tggcctctag gcaggtgggt gttctgtaag cctggcaaaa attctggagc caatctctgg 120
caaggctgag tgccaggcgg gccctaggga cccagggtcg gtgcttaatg cctcccgccc 180
attggaaatt actgacctcc aaatatatat atatatatgt tttttaattt aaaggggaag 240
tacactgcac accttctctc a 261
```

<210> 3011

<211> 424

<212> DNA

<213> Homo sapiens

<220>
<223> Genbank Accession No. R98413

<220>
<221> unsure
<222> (1)..(424)
<223> n = a or c or g or t

<400> 3011
attaagatat caacgaggta cttcttggtt ttattagata tgagaattat caattcaagt 60
cagaagtgcc acaaccactg ccatattaga aagattagta cccgagagcc cagactgtca 120
cccggctgga ggcctctcgc cgatggctcc cagggaccac tgacctaatc aagggcctcc 180
tccttcacac gccaccctcc accccaaccc ctttatgcct tcttaaagtc cttcagggag 240
gggacccacc atcaagattg tcctttctgg gcacctaaact cttctgtctg ctagaagaca 300
gcaatgagac tgtccctaca acgatgatgc ttatggtggc cacatctcaa aggaagctga 360
gaggggtctn agccccgtat tnttcacttg gggagggcag aacccaaatt ttagtaaatg 420
aagg 424

<210> 3012
<211> 323
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. R98624

<220>
<221> unsure
<222> (1)..(323)
<223> n = a or c or g or t

<400> 3012
ttaattttat ttttaataca gatttttcagt aaggggcatt ttcaacctaa ttggncttat 60
tttcttgat ttncattttt aatttgcttc ataacttaaa ccaaggctct tccagtctta 120
gttattatgt ctcagttatg tgccaatggg catgttttta agaactgaag aggtaattta 180
ttgcaatgaa ctaactgacc tcctccattc cttctttcct ttttgacatg aattttacta 240
ccccacaaat gaaaaatgat gttgcaaagt tactgtggtg aagttgaaaa atatcactaa 300
aatgattata atttaggtat taa 323

<210> 3013
<211> 382
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. R98774

<220>
<221> unsure
<222> (1)..(382)
<223> n = a or c or g or t

<400> 3013
tgggtcatga annccnantg aaatttatga gaaagctcag aaaatattca gttttcatag 60
tcccatgatt acatactcct gttcatgagt actagtaaaa gggttgattat gccagagaat 120
ttctataata agcattagca ggaacccaat accctgtcat aattcagtaa ggtttatata 180
ttttggcaaa atcaataaat taggcattca gcaagaggca atgtagaggc agtcattctt 240
gcagtgtaaa gatctttttg gccaggcacc gtggctcatg cctgtaatcc cagcactttg 300
ggagggctga ggtggaccga ttacttgagc tcacaagttc gagaccagcc tgggacaaca 360
tggtgaaacc ccatctctac aa 382

<210> 3014
 <211> 325
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. R99014

<220>
 <221> unsure
 <222> (1)..(325)
 <223> n = a or c or g or t

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 ttcgggcaca tgacaatttg ataaagtcct tcttcatttc ttttaaacag tgaactaggg 180
 aagcacctga ctaggcaaag agatttgttc tccaacaatt tgaataattt acttttctcaa 240
 tttctgggga aggtatacca agaggagctt tactaaggnt tcatcaaatt attgttaatt 300
 gtgccggtaa cacttggtac ttagg 325

<210> 3015
 <211> 474
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. R99591

<400> 3015
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 aaagtgacag gtttgaggat tccaggcagc ttgagaaaag gcaggaaagg ccagaaccag 180
 tgtcaaaggg tcagggttga gcacaggata catggaagct catcttcccc agcaagaggg 240
 aactcaacag ctcacatcta caggcagcaa tgggggctgc ttgtccctga gagtaaggca 300
 taagcccagt gttcagactc ctgaggggat gagggagtag tggctcaagc ctgagcccca 360
 ggaatgagta tgagggataa tcagggtctca gggagaacaa gcagaggggc aggcggggcc 420
 aggggggggca ggggtcaagca acaccagggt actattcctg agcagttgac agcc 474

<210> 3016
 <211> 287
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. R99909

<220>
 <221> unsure
 <222> (1)..(287)
 <223> n = a or c or g or t

<400> 3016
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 tgcaagctga caaattagcc tgctgacaga tgctggcaga agacaggagc ttcctggatc 120
 agagacaagg gacttcatta ctcaaagcac agcgngcagc cagcttgagt ttcatacttg 180
 cgtcattttct gcttgccctc aagtcttatg gggttttgtg caaaagcatt taccattatc 240
 tgcactgttt tgtatgatgc acaagctttc agagaggggac tatatat 287

<210> 3017

<211> 456
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. S48983

<400> 3017
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tggggccgga gtggcaaaga ccccgaccgc ttcagacctg acggcctgcc taagaaatac 180
tgadgcttcc tgctcctctg ctctcaggga aactgggctg tgagccacac acttctcccc 240
ccagacagga cacagggtca ctgagctttg tgtccccagg aactgggtata gggcacctag 300
agggtgttcaa taaatgtttg tcaaattgaa tttgttggtg gaaactggga acattgaggc 360
agactttctg ggaagaatgg tcactctgagg ccatatggaa gataaacagc accatggcag 420
atgagcctgt gactgagggg gaccaaggac tcccag 456

<210> 3018
<211> 1194
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. S52028

<400> 3018
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gagcaatgga cctccagggc tgtagtgccc cccatctcac tgtccaccac gttcaagcaa 180
ggggcgccctg gccagcactc gggttttgaa tatagccgtt ctggaaatcc cactaggaat 240
tgccttgaaa aagcagtggc agcactggat ggggctaagt actgtttggc ctttgcttca 300
ggtttagcag ccactgtaac tattacccat cttttaaaag caggagacca aattatttgt 360
atggatgatg tgtatggagg tacaacagg tacttcaggc aagtggcatc tgaatttgga 420
ttaaagattt cttttgttga ttgttccaaa atcaaattac tagaggcagc aattacacca 480
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<210> 3019
<211> 453
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. S54005

<400> 3019
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agaaaacgga gacgcaggag aagaacaccc tgccgaccaa agagaccatt gagcaggaga 180
agcggagtga aatttcttaa gatcctggag gatttcttac ccccgctctc ttcgagacct 240
cagtcgtgat gtggaggaag agccacctgc aagatggaca cgagccacaa gctgcactgt 300

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gaacctggggc actccgcgcc gatgccaccg gcctgtgggt ctctgaaggg accccccccc 360
aatcggaactg ccaaattctc cggtttgccc cgggatatta tagaaaatta tttgtatgaa 420
taatgaaaat aaaacacacc tcgtggcatg gca                                     453

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<210> 3020
 <211> 1270
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. S56151

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<400> 3020
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<210> 3021
 <211> 5828
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. S62539

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<400> 3021
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<213> Homo sapiens

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<223> Genbank Accession No. S68287

<400> 3024

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<223> Genbank Accession No. S68805

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<210> 3037

<211> 1223

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. S81914

<400> 3037

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```

<210> 3038

<211> 833

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. S82240

<400> 3038

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cattatcttt aatgaagaca aaggaatcta gtgtaaaaaa caacagcaaa caaaaaggtg 780
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```

<210> 3039

<211> 2403

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. S90469

<400> 3039

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gta 2403

```

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<210> 3040
<211> 2347
<212> DNA
<213> Homo sapiens

```

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<220>
<223> Genbank Accession No. S95936

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<220>
<221> unsure
<222> (1)..(2338)
<223> n = a or c or g or t

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aaaaaaa 2347

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<210> 3041

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<211> 250
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. T03313

<400> 3041
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taataagtaa aaattacaac attcttctcc cagcaatgaa caatttcatt tttttaaagt 180
aaacgaggcc taaaacaaga gggcacagga acaagtagtc agatggattt aggtgagcac 240
tgtacacaag 250

<210> 3042
<211> 322
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. T03438

<400> 3042
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aagatttgga actgtgtaac cctgagctta catctcaatg ctccaagag ctgggctctt 180
gctatgtggt agttggtctc cacaattctc tcacctcca gcaatactct ctgtctggct 240
tgactccct cactaacag tagacatgag gctgaaaaca actttacctg gacagggcta 300
cccctacagt ttggcccttt ct 322

<210> 3043
<211> 252
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. T03441

<220>
<221> unsure
<222> (1)..(252)
<223> n = a or c or g or t

<400> 3043
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cacataaaaag gggaaaaaag cccacccaat cacagaaatg aggcaccccc ggtatgtttc 180
cggggcaatg cgttgtttat gtattgccca aatttngtct ggctagtatt ccaccgcttc 240
tccaatggat tc 252

<210> 3044
<211> 304
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. T03541

<220>
<221> unsure
<222> (1)..(304)

<223> n = a or c or g or t

<400> 3044

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ccagaaccga ggaaagggct ncctgccccct ccaagtacac aggggagcct gaggtactga 180
gaattaaaaa ccaggaggagg actcccaggc caggcggcgg ccccgggccc tctgccccac 240
gaggctcatc ccttgaggca cacaggaagt tgcccgtcca tnacaccaca ctttttttnc 300
gncg 304
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<210> 3045

<211> 275

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. T03580

<220>

<221> unsure

<222> (1)..(275)

<223> n = a or c or g or t

<400> 3045

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ggtggggaca ggtgcaaact ggagaggcct agagagctag agaagcaagt aaggggccagg 180
gccagagtcg gtttcattgg aacaacagcc cattnccctt aaggccccctt aatttttgtc 240
ttggcttttt tcttagacct caagccaggt ttttt 275
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<210> 3046

<211> 169

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. T03651

<220>

<221> unsure

<222> (1)..(169)

<223> n = a or c or g or t

<400> 3046

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agttccacat cattacatca acagtgtgaa tttctaacag aggcaaaact gagcaccata 120
gtttacaagn agaaagaccn tgnttgngga caacagangt tcactaagg 169
```

<210> 3047

<211> 401

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. T03749

<400> 3047

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gggtgactcc actcaccoca ggatttccca gacttgctat tttagaggag agaggcagga 120
agccaactat cctctaagcc acagcttggg aagctaggct agtactgggg tgggggcagc 180
agagctgaga cctccacccc cgagccccta gcctgtgcta tcctcccagc ctgaggggga 240
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ggagctgagg caatcctggc tgcagcctcc cacacacagc cctgctcttg gtgcgccatt 300
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 cagccccctt aggtcttcag tcttgccgaa ggcaaaaagga g 401

<210> 3048
 <211> 371
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. T08879

<220>
 <221> unsure
 <222> (1)..(371)
 <223> n = a or c or g or t

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<210> 3049
 <211> 339
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. T10108

<400> 3049
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<210> 3050
 <211> 319
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. T10264

<400> 3050
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<210> 3051
 <211> 319
 <212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. T10316

<400> 3051

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ccctccctac gttccaggga cccttggggtc tgtcgagtc ccttggtgga tgagggtcaa 300
gacctaggtc aagctgact                                     319
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<210> 3052

<211> 299

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. T10322

<220>

<221> unsure

<222> (1)..(299)

<223> n = a or c or g or t

<400> 3052

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<210> 3053

<211> 232

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. T10698

<220>

<221> unsure

<222> (1)..(232)

<223> n = a or c or g or t

<400> 3053

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tttccaaact cagagcaact ttcttgtcag cgtgggcgga cgttgggagg cacctcagtc 60
atgatacagg cgcaggaggc agccgcgag ggtgcccag tagcgggtccc agagggcctg 120
gtgtcagaag ccatcagagg agtggaatac cgctgaatac taattcagga agaaccgcac 180
gtcgctgagt ggccagtggt cggagcggnc cagggttcac aaacttctca ca 232
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<210> 3054

<211> 237

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. T10822

<400> 3054

cataacatta atattttattg ctttatatga atactgtatt gaaagcccaa gcattcagtt 60
 tacacacaga aattatacaa ttatataccg cttcacaaag gcagtgaaca cattacattc 120
 tacaaatcta ctttacagaa atttgaaaac tttaaatatc aaaaggtaca gctgaagaaa 180
 caggtataaaa tttggcagcc agtaattttg acagggaagt tacagcttgc atgactt 237

<210> 3055
 <211> 140
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. T12599

<400> 3055
 tccagaggtc ttttattttt ttaacaccca cgatgccatg aattcatagg gaagagggtc 60
 cagcagctca ggctccttcc cattggttct cacagtgtgc tgctctgggt ggagcagggt 120
 ggcgcttcag ttgaatccag 140

<210> 3056
 <211> 190
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. T15442

<400> 3056
 cacagacaga tgtggggcct ttaattattt ggggttcctc tatatggaac acgggacctc 60
 cccaccccaa gcctagtgc tttggaaccc ccataaccag tacaaaagtc cctgaagggt 120
 ccccttttaa atcactaatt taaaaaagg gcgaggggg ggaggggccc ccccccaaaa 180
 ggggttgggca 190

<210> 3057
 <211> 223
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. T15473

<400> 3057
 cttaaacaca caggtgttta ttaattgtt catttgattg aatttttaag ttcactttac 60
 tacgtggatg agatgggtgc atattacagt aggctttcgc tatgagcgct gccaccatga 120
 ggaatatccc agccctcagt tctgcttccc tttctgagtc ccacaaaagc cagatgtgga 180
 cagccttggg ttcccatccc agctggctgc tccttctggg gct 223

<210> 3058
 <211> 282
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. T15477

<400> 3058
 cccaaaaata cttccattta atatagtc atgaaagcta atcagcaaga agggagattg 60
 acagacatgc ttaggaaaat agctacgtac cataccacca caccaaagtg ttgttttttg 120
 tttttgtttt ttttttaaac aaatggagaa aagacagacc agccaggatg acttcccaca 180
 gggaagggat ttaagggtc ccccatgaa tttcttcagg ccacggcagc tacttctctc 240
 tcttgtatct ggatttagat ttaaagtttc ctctctgtct ct 282

<210> 3059
<211> 281
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. T15482

<220>
<221> unsure
<222> (1)..(281)
<223> n = a or c or g or t

<400> 3059
agtgtataata ttttattaat aaaacgaacc cataggggttc aaacaagcat acaaagtaat 60
tcccttcctt gtgggttaaa ttgttacatt tttataata aaactaagan agctttcata 120
gttaacttac caaaaacata acgcttgctt attgtttctt actgtgcaaa acaaaaccaa 180
agttttgccc acagangnt tttgtgcacc aaancatgca catttncaat ttcaaaattt 240
ctgcatcaaa atgnaaattc caaggccacg tttttgtttt t 281

<210> 3060
<211> 305
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. T15674

<220>
<221> unsure
<222> (1)..(305)
<223> n = a or c or g or t

<400> 3060
gcaacgcaag gtgctcttta ttgtcagcga gagatttagg ccaaacgggc actgaggctc 60
cacgtggccc aggccctctt ccgtggaaga gaggcaagag ctggtttcag gattcagagg 120
attcctccgc tcacgcagca ccatgcaa atagagggta aaaactttct ggnatgtctc 180
tggttgaaa ccaactgggc caacaggttc cacaaccact ctcttttttg atcactgggn 240
gacaccagaa atgctgttag agtagttagt ctgagtccac ccngggccaa attctttgtc 300
acctt 305

<210> 3061
<211> 194
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. T15852

<220>
<221> unsure
<222> (1)..(194)
<223> n = a or c or g or t

<400> 3061
ggaaaatgaa cagtaaattt attgaaactg gtttaggggc aggggatggg aggacagctg 60
gggggtttcc aaagagaact gagggaggag ccagcgccc gccaggnggg agcgggtgcc 120
tgccacaga ccctatctca ggcccagctn cttctttccc tgnctnctac ttgaggacca 180
cgtccagatt ccgg 194

<210> 3062

<211> 332
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. T15903

<220>
<221> unsure
<222> (1)..(332)
<223> n = a or c or g or t

<400> 3062
ccagatgcct gtaatttatt tccaaaggag agctacagca cataggaaaa tacacatggc 60
ttttcagtc acattttttac agagaaaagt gtttcgggtca ttggctttct cagtgccatc 120
atcccggttc atgaggctcc aggggtgatg gcctgtttcc aagatccccc tttcaaagca 180
gcagctttgc caaggcctct gggggttagga gtgaaggggc gcgaccccca ttttcgggtg 240
gaggggtgga cattagcagc actcacttta aagctaaggc aaagattaga gcttngtggg 300
ngatgccttc cttttcccca ggggcatggc tt 332

<210> 3063
<211> 365
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. T16175

<220>
<221> unsure
<222> (1)..(365)
<223> n = a or c or g or t

<400> 3063
ccacgttgct gttgttttaa gaaaaaaaaac aaaacaaaac accacagatc aagttttcta 60
acacctcagt ttcaagattg cacgtttcac atttctcagt aattttacagg cgtccacagc 120
gagatgttgc ttagtgctag ctggaggggc aagctcaggt ctagaaggga gagatgggtc 180
cgggtggagc aacacagttg ggccccaggg agtcttgag ggacccaagg aagcagaggg 240
ttttgtctcc agtcctttgg gaggggtcct ctctctctcc aggactcatg gctctttagc 300
ctagggatgg gggaggcagg actgttggca gcaacctnan caagcctgga tatgggttcc 360
agagt 365

<210> 3064
<211> 290
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. T16206

<220>
<221> unsure
<222> (1)..(290)
<223> n = a or c or g or t

<400> 3064
cacactacaa tagttaattt aatttgnca agagctcaga ttgcaagcat taaaccaagc 60
atatggcttt aattctntaa gcccaaattc acatattgaa gaagatcaaa gcaaactgtg 120
atccatgtac atggttgaaa actaaaggct cngnttaatc acattgtagt tttnaaattt 180
ctacagccta gagctcacta gtcacaggtc tttaagggtc ttctggttgt cccacagggt 240
atctgcactt tctttgagct gtgcaacctc atcatcctta agcttctggt 290

<210> 3065
<211> 252
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. T16226

<220>
<221> unsure
<222> (1) .. (252)
<223> n = a or c or g or t

<400> 3065
gggcaaagtg aacccagccc cagtttatta gaaaaggtgt gaacagagtt gcaccgacag 60
gagtagcccc agccctctgc ccaccctcac ccacacccat gccactcgcc cccaaagggc 120
tgtagtgccct ctnagggcgc agctccagtgc gcctggacag caggggtccc gagtgccggc 180
tgctcccgc ccagctccct gatagattta ttgcacttga gaaaaagaaa gctctgatcc 240
tctgctccca tc 252

<210> 3066
<211> 373
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. T16269

<400> 3066
ctttcagctc atttctttaa taaggagacg cattcattac aaaataacaa tttgacaaga 60
gatcagacaa gaacaagagt ccacataagg gagatggaga gcattgccaa gcagaagtgg 120
gaatgagagg gccgggggca agggctgtac atgtgtcctt cctatggaga cgaaggcagg 180
gctcctggtg ggctgacctt ggcgaaagtag gctctgccag gccctgattt tgaagttttc 240
agccccaggg ttttcagaaa gcagcaaadc aagtccttag atgggcagga gtcagggcag 300
aagggtcact atctttgaag agggccccct aaagtcctga tcgctaaggc aggtggggat 360
ggagggactc ctg 373

<210> 3067
<211> 321
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. T16306

<220>
<221> unsure
<222> (1) .. (321)
<223> n = a or c or g or t

<400> 3067
ccatgtttcat ttttatttta agactcagaa acacaggcat catggtttgt catcactgac 60
aagtcctcca aaatcacacg ctgacatttg tgtctaacaa aaacacttgg gataggggtgt 120
gtgtgtttgt gtgtgtgaac tgtgcaaagt acaaaggatc tcccagtcgg ctgagcctgt 180
tttgaagtgc ccggtctggc atcaccccat gaggatgccg ggngagcacc cgtggccgcc 240
atcctctctg cctccctctg ggcagaggcc cctggtggcc tgcagtcctg tcccctcggc 300
gtccactgac ttcagccatg g 321

<210> 3068
<211> 340

<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. T16308

<220>
<221> unsure
<222> (1)..(340)
<223> n = a or c or g or t

<400> 3068
aaaaatgttt ttattttaatt aaaaaaaaga cagancaacc aacccaaaac cagtagtagg 60
tactgngtc acaggtgctt aactggcgaa acacacaggg gtggggggcga gggggcgggg 120
cgggaggagg gagagaagggt gggcacaggc caccacatcc ccccgttggg tgtcagggtct 180
gagatgcagc gggaggggcca ggaatgggag gcccaggggc caggggtcccc ggagacccag 240
ctggccgcgg ggagaaggct gagaaggccc ggggtgtctna ggtggttttg ctcccgggtc 300
gtcccttctt tcctactctt tcttgggtccc taggttgggc 340

<210> 3069
<211> 346
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. T16478

<400> 3069
aaagcaatgg aatcaataaa tttattaatg ttacattaac acgaactaca aagagacctt 60
tcgtatgtct gataccaaag acataactga aaagtcattt ttccaaacct tgagcttgca 120
ttcacctacc tgtctaacc tcacatgtgc taattaaactg caaatgccat ttctgggctt 180
cacacacatt ccgtggcttt cccttttctg atgtgacttc cctcccttac cccacacctc 240
cctgcactgt cccctgctgt gcccttggct ggaatgccct gcagcctgct tcagcccagc 300
aaagtattca tcttaccagt cccatgccct gactcctgat gtcacc 346

<210> 3070
<211> 288
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. T16484

<400> 3070
aaaaataaag cctcttttatt ggtacctgta agctcaggta caaggtgttc ccacaagcac 60
acaggctggc aaggcctcct gggcaagggg caggcccaga gcctgcgttt cttggcacag 120
acacagagag aaatggaata aattatagtt ctgacactca gggacaatgt agaaattatg 180
atgcaaaatt aaacattagc aaacaaaggg tataaaaacc ctcaggagcc acccctcgcc 240
aactggcctc agggcatggg cagggtgggccc acggttgaag tgcagtgc 288

<210> 3071
<211> 244
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. T16550

<400> 3071
cacaaaatgg attttttattg tgggtcatata tggtttctca gtgccacaga aaattgctat 60
gtagggacaa aaaatttttg gatggctctg taaagaaaca tggtaggttt tcagaaatga 120

gttgtgcagg aatgtgggta atgaaaagca gaaaggggta agggaagaga aaggaagcca 180
 aggagtgtgg tatgtacatc aaatgattac tttttaagcc cctctaggct ctgataaccc 240
 tttc 244

<210> 3072
 <211> 266
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. T16652

<400> 3072
 agtgtggcag atgtttattg agctagagga ggagagctga gctgagccca gcctgatcac 60
 ctccctcagag actcagcatt gtgaattgcc cctacagggg catttttata cagcatgaag 120
 tagccctgca cctgggcagg actgatctgg tttgtagctc gaaggacatg ttctgcaaag 180
 ttctcagcta aggaaggtgc ctgccctgga tagaacctct ggaacatctg ggtcagctgc 240
 cagtgtgagc agtagccac gtactc 266

<210> 3073
 <211> 269
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. T16983

<220>
 <221> unsure
 <222> (1)..(269)
 <223> n = a or c or g or t

<400> 3073
 aaaaaacaag ctttaatcca tttcataaaa nttgtccttg caattganca cagccaggcc 60
 cacatgcccga gcaggttgca ggngacagtt tcacatttnc caggctcagg acagggcagt 120
 ntccctccaca tgccacaggt gtctgagtga cagtgtagac gcctgatggg caggaggtag 180
 gcacagatga tctgaagggg tcattctattt aaaagtctgc aactccagtt caacggncac 240
 cttaaacact gtcaggcacg tnccccaag 269

<210> 3074
 <211> 394
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. T17066

<220>
 <221> unsure
 <222> (1)..(394)
 <223> n = a or c or g or t

<400> 3074
 agttttnnac atattgttaa aagactttca agaaataata caaactggag atagtagata 60
 cacaggctcc attctaagaa caaagtctgt tagaagcagg aacacttgga caaatatggg 120
 atgggaggga tgtcaggccg aggttagagt ggtgatctct cccaccctt tagggccttt 180
 ggaggtggag aagggatcct gcctgctagc accacattgg aagggatcat ctgggtccaga 240
 acccccattt ctatcaacta ggagctgggg ggagtagcta gcccagagac ttcgggtcag 300
 ggttcancaa tcagggaaga cccagttcct gngggaaacg ncagttcaag aagngtttgg 360
 gaagaaggct gtcctctaaa gaaggccgctc ctct 394

<210> 3075
<211> 248
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. T17339

<220>
<221> unsure
<222> (1)..(248)
<223> n = a or c or g or t

<400> 3075
ctgtaaaagc atttcctctg aatattttat tcagaaaaaa aaaacacaaa aagataaggc 60
aganacaaaa attccagtca tttgcagtat ctgtcggtt tcaatttggg tctcttggtt 120
aaacaaagaa aaatagtaaa attaattctat gtaaaacatg ccatatatat tcaactgcta 180
ctaaatataa aangctttta aactgtgtgt tcaattgtgg ttattgtatt accncaacac 240
atattaaa 248

<210> 3076
<211> 325
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. T17353

<400> 3076
aaaccaaaaa tatttttattg ctgagtcatc ctgggggttcc ataaaggacc ccaagccttg 60
cttgaggagt atagctttgc taggactccc atgacatcag gatagagatt gaggcacggg 120
gtccttttggg ttccgattaa ggaactatct actctgattc tgttgatctt attagtcctt 180
ccaggtcacc tctacttcat ctgtccgata cctctgtgta accccagaat cactgagtgg 240
ggtcctgtgt ccagcccga aacatctcca gccagcctgg gctatcatcg ctccattgtc 300
aatacagaat ctctcatctg tagca 325

<210> 3077
<211> 319
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. T17411

<220>
<221> unsure
<222> (1)..(319)
<223> n = a or c or g or t

<400> 3077
gccttttnaca ggaatgtttt attgtctctn cctgggnttc taacatagca tatgaggnga 60
aaacactgct ttagtaaaaa tggaatactc ttggttacat gaaatcccat ccctcgtcct 120
tcaggtccac tggaggagaa gtccctcatt ccttgggatt ggtgacgnca gccgtggtgg 180
aataggagta ggggntcagc agggcgga tggntagcg gcgggggccc gagtcgttgg 240
ctgtgaatac cacctatgag agaagacagn cagatcctt tccaccagag cccgnaaanc 300
gtgacagttg acacacatg 319

<210> 3078
<211> 319
<212> DNA
<213> Homo sapiens

<220>

<223> Genbank Accession No. T23426

<400> 3078

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ttttaaataa tgaatcataa attttatctt aaaatgtaaa cgtcactaaa catgcataca 60
cgtaaataca ataaaattta caatttcgtt aatttttctt tttggatagg acatcattac 120
aatatagaat ctatgccata caaaatacat acaaagtttt atccgagcaa gccaaggcca 180
gactgggaac tgtacaactg taatacttca ctgtagtgat ccaggaaaaga tgaaacgtgg 240
ccttcggaat tatggtgggt gctgggttaa aaaaagttcc tacagaaaag aaaaacatga 300
gctccatgga aatggtctt                                     319
```

<210> 3079

<211> 337

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. T23430

<400> 3079

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tttaatatct atcaacagta tatttgacaa aaaccacccc caatcgatgg cagaaagcag 60
tattttctag ctggcactga aacttaacct atttttttgg gggagaaaaa gactaaaatg 120
taagcactaa cttcctcctt ctgcatcttc cacagaagac ccacttgggg gcattctctt 180
tctgtccgtt atcagtgggt ttacatccga aggccggcgg caagacactt gaaccacaaa 240
caccagacat gcaggtgtct caaatggcat gcagattatt taaaggtgca tcacttgggtg 300
agaagcttct caaatttctt gacttgtcat aaccagg                                     337
```

<210> 3080

<211> 249

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. T23465

<400> 3080

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tttcgcgggtg gaggatcagg tttaatgggt actatgaggg tatcgtacat cgttccaagc 60
ccggcccccgc cccagccct ccctcagttg ggaacacagc caggtgccct cagaccctcg 120
gttctgaaca aggggggggt gccccctcgc cccagctata tacacgacag cccatcctgc 180
tgcccggtgga caaaagctgg gagctcctgt gccagtcag gagcccctac agtccaccag 240
ctgcgcggg                                     249
```

<210> 3081

<211> 299

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. T23490

<220>

<221> unsure

<222> (1) .. (299)

<223> n = a or c or g or t

<400> 3081

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tttcaggtt gacaggtttt attccacccc cttccatccc catggccacc ccaggcagga 60
ggagacaggt gtgctggagt ctggtcactt tggggcccg cgtgggcaga gccactggg 120
tttacattct ctgtgggcag gtgtggacac cagagggtg gggcaggagg agcgtgggag 180
cgagcggncg acccccgtct ctggcccgcc ccctgggtaa acgccgactc agatgcctga 240
```

aacagacctg ggccgagcaa ggaagggtga tggatattcc acccagacag aaattcaaa 299

<210> 3082
<211> 219
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. T23516

<400> 3082
tttgggatct cagaaagggt tattatcaac tgaaggaggt aacatgtagc ctttgctggg 60
gacaaagatg tgacaagtct ctgccccatc ctaggtgctg ccctgcgtag ggatcttccc 120
aggcccgcc cccttgggaa gcctggtagc gctgggctgg cgtggaatcc tctggctgga 180
tcctcgtgg ttgctgggtt ccgcccagg ccaatactc 219

<210> 3083
<211> 349
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. T23680

<400> 3083
tttcggttgg ttacgacaag gcaaaacctt taataacatg agtgcttatt acattagctg 60
cttcggggct ctgacatctt tgatttctgg tcatgtttt ctaacacata aagatgaatg 120
cctccctcag ggccacctgg gcggtgggtg gtttcctgag gatttgtgtg ggtagacaat 180
ggggacaact atgagcgcgc ctgatggaga ttccggaaatc cccctggcc accacctgtg 240
acttttagta aagtcctctt ccaaggaggg aagaatgtgg aggtccttcc agtaaagaag 300
gaagaaagga aaacatctgg cacagatata cagagagagg aatgacatt 349

<210> 3084
<211> 307
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. T23882

<400> 3084
tttagagtta gaacatcaag actgatcttt atttcaccca gaggcagagt gataaaatgg 60
cattcttctc tatttaaatt ctatcccatc tttcttcttg tccttctct caaggttgct 120
ggcagaggtg gttggggcta tgtgcctgga gtgaagattc tgccattgg tcaagagacc 180
tccctctcag atgctggctc tgcccctgcc tttgggggtc gacccttgta ctgcaggac 240
cttaggtgac tagttgttct ttcttttatt tcccctattc gtgatgatcg gaaagggtgaa 300
aaacctg 307

<210> 3085
<211> 349
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. T23986

<400> 3085
tttatgggaa taaatacttg ttaaacttct cttataaata tgcattaaaa cgtccgataa 60
cacaagccaa gggctgtaaa attaagggtta aatcaagact gaatttccc cagggaccag 120
caggaaagcc agttacctaa aagagcctaa tccccaaatc cgctgaaggt gcagggcggc 180
ctcagtcctc gggcatcttg aactggtcct tctccctgcg cacggccgc atggtggtca 240

ccgggtccgt ctcacctgcg tgetgctgca ccgtcttctc cctcactctc atgaaggggt 300
 tgtaggtaaa ctccctctgcc aggggtggatg gcactgtggg ctccccgat 349

<210> 3086
 <211> 299
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. T24055

<400> 3086
 tttatctttt catcaccatt atttattata tatgaaccag gttttcagca caagtccacac 60
 tcaacaccct tacccaacag gaggggacgac ggagggtcag agagggagtg tagggggagg 120
 atgtcaatgg gagggcccag cctgagccct gagcagctgg ccagccagga actggcattg 180
 ttgagtgaga ggcattcctag tctcctgctg ctgcaaagac aatgcccgtg gaacaggatg 240
 gcaggccaca tcagcagtcc atacagaagt gaggtgtctg tttcttcccc tggagcacc 299

<210> 3087
 <211> 349
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. T24068

<400> 3087
 tttcaggtaa caaagtccag tctgttttat ttttaaccca aatattccaa atatacagaa 60
 aattaccagt acaaagttaa acacattcag atttatttac acaatgctaa agaaatttga 120
 gttttatttc cattttgtgg aattttatca tgggggtctgg ctttaatgtg taactgacgt 180
 gggctactga aactcgatta tcccacctca catgcaattt tctgtcctaa ggggaatagaa 240
 aacttgggtt tttagggcac atgcagtaat gatcttaata ctgctttaca ctttcgtggg 300
 aaggcagctg tcccacagcc tggggaagga ccacatgctc agaaagggg 349

<210> 3088
 <211> 149
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. T24106

<400> 3088
 ttttaacaata acttatttat tttctaggcc atgggagggc tttgggatac gattctgggc 60
 ccgaggactc aaaagggggc cgagggtcac tgtcaggggg tctgctgac cacgggggtac 120
 agcagagcca gatgctcgcc gccctgcac 149

<210> 3089
 <211> 150
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. T25506

<400> 3089
 aagagatcag cttttattga tggaaattcc aaagtacaca gcaacacgca ctctgagagg 60
 ccttttctc ctgataatat ttacagagca ctatgggagt ggcagagggc atgggggtgag 120
 gccttcaagc agtggaggag aggcagcaat 150

<210> 3090

<211> 143
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. T25725

<400> 3090
gcaatttaaa taagatttat ttttttaaag gtgggtatatt ttattttttc caatgccaca 60
gttataggag tgtatgaaga ggtaacatgt ctccttttcc ttaacatgt tttttttttt 120
tccttctgca caaaggtaaa agt 143

<210> 3091
<211> 244
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. T25744

<400> 3091
catttttaaaa atcatttttat tgctatttca tgggttaaaaa aacatacatg acatgactat 60
aaagttaatga gacgagttct cagggtgtggg ttggattact gagtctcatt aatatatagt 120
cacaatcctg acttgagctt ggaagaaaaa tatgccttcg ctatatgatt atcaattttg 180
ttacttaaaa tttattgagt gccaacagag cactaggcac atatataaca cagaattata 240
cagt 244

<210> 3092
<211> 223
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. T26366

<220>
<221> unsure
<222> (1)..(223)
<223> n = a or c or g or t

<400> 3092
ccaaggcccc agggggggttt tattttttcct ttnnaacaac ccgtnccggg gggtcccggg 60
gtctttttggc ccgaatgccg aagagccggg ggtgggaacg ggccaaacgg agactagcga 120
aggttttgaa attgttctct tccccaggga tgactcgagc tttctcccc tnaaagacgt 180
tccggacggg naagaccggt ccggtaaaact agggggggcca att 223

<210> 3093
<211> 301
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. T26471

<400> 3093
ttttttttttt aaaagcacia ctatatattgg gcacgacgga tttaagtttt tcttggttag 60
aagagtacat ctttccaaac tggacatcaa ggaattgcta cacagaagaa ccacatccag 120
gatagaaagg accagccaga gctcgttcag tagtgatatt cagaatcatc agggaggagc 180
cggtagcaga attatcccgt taacactgag accacatttc acctgttact tattttttcta 240
aatggagtag gagagaaaga tgctaaaatg tgatcttggg aggagtcccc cagtcccccg 300
a 301

<210> 3094
 <211> 611
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. T26513

<220>
 <221> unsure
 <222> (1)..(611)
 <223> n = a or c or g or t

<400> 3094
 tttttttttt ccaactactt ctagaccttt atttctctgt gaaaaggggg aaaataaaaag 60
 gaataaatta aaaacggtac agttgacaca caaaaaaaaa ccantgatgg ggaggacggt 120
 aggtggagaa gtaaatgggg gaggggttcc cattacagna gtaggatcca gtgaccggg 180
 atgctcacat ctctccctga tgtgggagga gtagccctt cctcccaagg tcaactgtcct 240
 gtccaacccc gtgctccctt agcccggttg gaggtggctc agtgagacat cttcccaggc 300
 tggggagagg aggaaccctc ctgggggaag ggggctgggg tcagtccatc cacagggagt 360
 tacagccaaa ggccccccc gtnttttccc caaaaggagg gacttctttg aggggttncag 420
 ggttgatanc agaggccagt gtttggtcct cttccaggat caggggatat naaagaacag 480
 tcagagcctc cncggcaaag tttttgacgt ccacatcctt ggcccgggtca aattcttttg 540
 gttgggtaga ttccatctca aagggnntct tgccaggttg gcctttttct taagggtttg 600
 gccattgagg g 611

<210> 3095
 <211> 407
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. T26574

<220>
 <221> unsure
 <222> (1)..(407)
 <223> n = a or c or g or t

<400> 3095
 tttttttata taaaaaactc atttgttttt aaaagcatta acaagacaga aagaaaagag 60
 aaaaggtatg gagcagaaca caagcccctt agtagtggtc ggtgggaagg tgggattttt 120
 ggttctcttg aattgaatgt ttagtggttt ttatcaccaa canaaaaaaaa caaagttaag 180
 ggtcccaaaa agcccacggt tgttctatta cccacacccc accgagaaaa aagagcacca 240
 cgaaaagagc agaagaggac aagagagatc aagagtggag ccaggtcttg atggggcaat 300
 tcacctgtg cagtgtcctc tcagggtcac agagagcaaa ggctccttc ggagaaaaag 360
 gtagatgaaa gtcgcaagaa atcgcaaggg ggaaanggg aatagga 407

<210> 3096
 <211> 406
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. T26646

<220>
 <221> unsure
 <222> (1)..(406)
 <223> n = a or c or g or t

<400> 3096
 tttttttttt ggagaaccaa ctcatcttta ttaaattgcat cgtgtgtgtg tgtgtgtgtg 60
 tgtgtgtgtg tgtgtgtgta tagcacatac ttccaggcctg cggcaccacc ccatagagat 120
 ggtgaggaag taacttctgc ttctcattga aactgtagat ccatcgggga cgaacgaatg 180
 ccaggagggg gttgnacatc aggggtctcct caaagntggg atcccattcc tgtgctgaga 240
 tcacaaactg accccgggtca ctcatatagt cctcagagctc cccattgaag gntgtaaagt 300
 atcggatgaa tttccgcgct tcggcccccga ggggaactcc ccccttaaag aaagaagtag 360
 cttggccctt gggaaaggaa atcttgggga gcttcaaggg acttgg 406

<210> 3097

<211> 333

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. T30193

<220>

<221> unsure

<222> (1) .. (333)

<223> n = a or c or g or t

<400> 3097
 ccgctcgagt tttttttttt tttttttgtg ctcaaacatt ttaatcattt ctgccctgtn 60
 actcccaccc cagatccaag cgccanccag ttccggtggg ggctcagtc tccggagtc 120
 aggagtcagg gctcgggggc gctcagcggc cagtgggcaa gattggggcc ttctctgtcc 180
 tcgaagntgc acaaagggtg ncccagccca gancacaggg agagggcaga gagatgtgct 240
 catcagtcctt ggcaggcggg ccgggagcag tcttccagaa acagggtggga gccagggctn 300
 attttcatag ccaagggtcc catgagcttc cca 333

<210> 3098

<211> 370

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. T30214

<400> 3098
 ggtataaata ctttattaaa gaaatattgt cattttcgtt aaaaaataca ttagagaaga 60
 gagttttggg ttaccagtct ttcctcacag aatcacagt taagatattc atttcttgac 120
 gtctctagga accttcaggc cacggatcag cagaacatac acgaacaagg gaaaaaaatt 180
 cctcttaatt ttactgatgg cccccgtct ctcagggtgg ctgagagtgg cacttggtta 240
 acagtgtgtg ttttaatccag cctctgcctc tgactacct taagaccagg actcgaagca 300
 gagtgaaggg cctccctcca cccacctcgg ggcgagtga gacacagctt acagaggcgt 360
 tcaaagtagt 370

<210> 3099

<211> 449

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. T30222

<220>

<221> unsure

<222> (1) .. (449)

<223> n = a or c or g or t

<400> 3099
gagaagcagg acatggaaga catgggaaga agcaaactcat aataatgcct ttnagtctga 60
acttggatat aaactttcact cgtatccagt tactaactct catcctactt aggaatttcc 120
aaattgttaa taactttctt agaagcagcc tacaatctct atgttgccac cagaatgctt 180
gagttgtttt tttcttctgt aaaatcacct tggacccaac caggacacca ggtccaggaa 240
tctgagttgt tgagttttac atgatttaag tttgtaatga aaatttctt catctagtaa 300
aggtaattac tattcaatat tattatgtcc agaagtgtat atatgctgag tttcattcta 360
gctaagaata gaaagtagaa taaaaggaga ctagggtttt atttgacctt tgacaaggca 420
gtngtccctg atactgagtg actcttttag 449

<210> 3100

<211> 293

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. T30341

<400> 3100
gtcattactt aggatgcact tataggatct gaaaagctca ctttaaactc atactacatt 60
cgttacgagt attttacgtt aacataattg aaaagtacaa ggtccaagct ggctttcaaa 120
ttatgtctaa acagaaatgg gacaaataga cttgaaaata gaagggattt attccacccc 180
tgcaaggtta ggagtcaggt gagagtcctt tggtagagtca tttgtacatc agtggtcattt 240
cttcttaacc tctgaagaag atgggcatca gaaataaaga caaagcactt ttc 293

<210> 3101

<211> 169

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. T32072

<220>

<221> unsure

<222> (1)..(169)

<223> n = a or c or g or t

<400> 3101
gccttacttt aatgctgacc tagcagcccc gacaggaagc tttaacataa agccttgacc 60
ctgagaagca tgggtgcgtc ttgtcgtgag caggttcattg gctgtntccc atcctcagcc 120
cgctgatttt tgggtcttttgc tcctttgatc cagcagttcc cacgtggat 169

<210> 3102

<211> 186

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. T32108

<220>

<221> unsure

<222> (1)..(186)

<223> n = a or c or g or t

<400> 3102
anctccagtt tatttttttta agactaagag cagagtatga aagtcacagc caaagcactt 60
gaaaaaggcc caggaggata ggtgggacca catagggtga gcagggcaag gtcctgggag 120
atggttcccc gctcaggggt ggaagggagg gggcgctgtt gttttacggt ctccaaaagt 180
gtctgt 186

<210> 3103
 <211> 223
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. T33011

<220>
 <221> unsure
 <222> (1)..(223)
 <223> n = a or c or g or t

<400> 3103
 cagaccaaaa accttctgtt tttaggaaaa aagaggaaga tttagagacg atggagaggt 60
 gaatgaagca cagcacgagc ccagctgggc aggggccctt nagggacggc tcaaccata 120
 ggctccggga gggcaggagc cagcccctcc aggtgggggt gattcctntca agcactgcac 180
 atggactcgg aagtgagaag aaaagcagag aagagagagg cat 223

<210> 3104
 <211> 336
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. T33489

<220>
 <221> unsure
 <222> (1)..(336)
 <223> n = a or c or g or t

<400> 3104
 attttacaac agtaatcttt attttaggcc aacattcaga catacaagac ggagatcacc 60
 atgcggaacc agcctggccc ttagatgtgt gtgctcgagc caggntcagc cggagtctga 120
 cagcgccctgc accccaacac ggtcggattc caggacgcca gtnacaaaac cagtgcattg 180
 acaagcagct tccatgcgtg tgcatttgat ttttaaaaac aatacatatt tcagtgttaa 240
 cttccccctt cacctggctt gaaacatttt cccatttttc cagggaaca aactctacca 300
 aaaggtgccg nctgcaggac cccgggncca gccctt 336

<210> 3105
 <211> 321
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. T33508

<400> 3105
 acacaaagct ttttgagttt tatttttttc ctcaggttgg agattcatcg taacatgcat 60
 gcattttcaa acagtaacag ggtctcaaac tttttaagc agacgttaga caagcacagg 120
 ggattgaaaa ttcccattta aaaaatggaa actgcagtgg gatatggaga agtcacacac 180
 ttggtggggg ggtggtttgt cctgcttccc caaaaggtgg atatgaactt aattcacatt 240
 ttttaatttc agtgatctga cctgatgctg ggatgtgccg agcagtactg cccctcccc 300
 caaggtgtgt ggctcccacc g 321

<210> 3106
 <211> 163
 <212> DNA
 <213> Homo sapiens

<220>
<223> Genbank Accession No. T33619

<220>
<221> unsure
<222> (1)..(163)
<223> n = a or c or g or t

<400> 3106
atacctttttt attaattatn aggaataatc cattcatgta atgcaggntg tatgtnggag 60
aagggttaagt acagccacat gaatgagggg aaacgtgcaa gaggaacagt ggtgagaagg 120
gggatggtcc cccactttcc acaactata aacagcaaca tga 163

<210> 3107
<211> 338
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. T33625

<220>
<221> unsure
<222> (1)..(338)
<223> n = a or c or g or t

<400> 3107
gctgtgcagt agtattttatt gttacagtgt taaaattcac nctcggggaa gcgatttggg 60
gccacggccc tagaaactgc atctttgttc agagccaacc catttcctnt gcagccacaa 120
aatgcctttt tgtgtcaggg ctccgggagat tctcctcgct ggccagccat tggcaagaat 180
gccagactca gaggttgcca ttgcccacag gctttcttct cctttccttt cacagcagga 240
agagccctcc ggagcctcga aaagcagagt ggaagtgggtg gtgcccagga cgnatnggct 300
ctnatgggaa gagggaggtg ggcctgagca tgggcctt 338

<210> 3108
<211> 298
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. T33859

<220>
<221> unsure
<222> (1)..(298)
<223> n = a or c or g or t

<400> 3108
gcatttcctc tacattttatt gcaacggnta aatgnttaac aacattcaca acttctnaga 60
tcttaaaaaa cagaaacaaa agaaaacttc cattttgtaa catcacaaat gtnttctagg 120
ntttatcaag gnccaaaaac actacaattt tntaagtgat ttccagtgat ggaaacaagc 180
cagagacagt aaagcaccca gagtggcgag agagcacttc cagatgcctg tggctccttc 240
gggggtgacc ctggaactat ttgtngggcc gnttgtgtct gtacatctgc atcatcct 298

<210> 3109
<211> 268
<212> DNA
<213> Homo sapiens

<220>

<223> Genbank Accession No. T33865

<220>

<221> unsure

<222> (1)..(268)

<223> n = a or c or g or t

<400> 3109

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cagataaaca gtatgtggtt tattcacaca atgaaatatt atacaaccat gagaatgaaa 60
atccatgtac aaatacatgc aacaaaaaatc tcacaaacat aatattggtg aaaagaaacc 120
agatacgnag aatgcataat tccatttata tatctcccca aaccagacag nnctaatacta 180
tgcgcttnga actcaggata gtggtttccc ttgngaggt agttaactgg aagggnttct 240
gacggggggc ttctggggtg ccgattgt                                     268
```

<210> 3110

<211> 319

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. T34377

<400> 3110

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gggagggggt attgggtagg accatccaag aaagggcaga agaccaaggg cagtcgggggt 60
ctagaaagga gggcgctggc cctgctgggc gcttcggagc cccactgtt tcccactcag 120
ctttgtgctc agatcccagg tccaaggag tgacaggggc ttctctccac cttctgtcct 180
tgtccagtca tgtaaataat gtgctatttc tctcccagag tctttttttt taaaacctac 240
cgtggttcct cagctaactg cattccctac ccaggcagag actgtcctat gcctcgagct 300
tccaaacgag attcagacc                                     319
```

<210> 3111

<211> 151

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. T35341

<400> 3111

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accagatgag gaaatggcag ttctgagaag tctactgtct agatcccgca ggtggcacat 60
gacagctagg gttcaaaacg ttctcaccaa atccaatgct cctcacatat taattttata 120
accagacaaa taaatattag agacaaccac c                                     151
```

<210> 3112

<211> 282

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. T35725

<400> 3112

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aaaatactgt gtaccccctc ccccccccat gaaatgcagg ttcactaaat gtgaacagct 60
ttgtttttca cgtgattaag accctactcc aaattgtaga agcttttcag gaaccatatt 120
actctcatga tacttcatta atctccatca tgtatgccaa gcctgacaca tttgacagtg 180
aggacaatgt ggcttgctcc tttttgaatc tacagataat gcatgtttta cagtactcca 240
gatgtctaca ctcaataaaa catttgacaa aaccaaaaaa aa                                     282
```

<210> 3113

<211> 241

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. T39897

<400> 3113

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tttaatccta aaggtggctg taatcatgaa cctaggccac catggggacc tgagagggaa 60
ggggacagat gtttctcatt gcataatgtc acagttgcct caaatgagca ccatttgtaa 120
taatgatgtc aatttcatga aaagcctgag tgtattgcat ctcttgattt aatcatgtga 180
aacttttcct agatgcaaat gctgactaat aaagacaaag ccaccctgaa aaaaaaaaaa 240
a                                                                                   241
```

<210> 3114

<211> 153

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. T40439

<400> 3114

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cttgtagctg tctcaaggca tttgtggatg agcccagttc cttaaataatg acaaaggcct 60
cccccttcat cttcatggtc tttaaagcca caatgtccac cacatgacca aactgagaaa 120
acagggcata tagggatctc ttcaatctcg tgc                                                                                   153
```

<210> 3115

<211> 347

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. T40849

<400> 3115

```
tttcgagaga tttaaagatt ttattttttac aaatcacagc tgatagacag cgaccgttcc 60
ccatagagac cgtgctccaa ctcgggcctg ggcactgctc gctgctccca ggaagggggg 120
ggcgtgacag gcaggaacct gcgaagtcca gagtccaggg tggagcgcgc cacgctcagc 180
cagagcagcc acgacagcca cagtgtgtgc actcgatgat gcggcccact tccagcttgc 240
ttttgggcac gcggcagatg cagttcgtcc cgaagttggg gtcccgtgtc tgaatgcacc 300
gcagcagcac aagtttctcat atccttgctt tttccatttt gcaatca                                                                                   347
```

<210> 3116

<211> 271

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. T40895

<400> 3116

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taatggtagc tatcaattta ttaactgggt actgcggcaa tatatataat tataaaatca 60
ccatcaatcc tttcattcat acgttaacac atatcactgg ttttaattcat tgaaggcaaa 120
tacaagtttt tcccttactt tccttccaag attccactta ggctgggttac cccaaacgta 180
atggagaaac attaaatgtc actttttaaa cactttttaaa ccagtcttta attttcaatt 240
caggtgtgag gcacatatat acacacaaac a                                                                                   271
```

<210> 3117

<211> 337

<212> DNA

<213> Homo sapiens

<220>
<223> Genbank Accession No. T40936

<220>
<221> unsure
<222> (1)..(337)
<223> n = a or c or g or t

<400> 3117
tttattcaga attgngngtg tcttattctt aaatttataaa aagcatcttc agaagggtgcc 60
atatccatcc cctcgggcag tcaactgcaaa agttgggtag acctcatagg ttgtatatgc 120
tgctaagtct tgtccaaggg ttaccgcttg cttgagctgg gctgcagaca cgggtgcagt 180
tgcattaggg acagcatatc ctgggaaagc agtagcagca gcagcagcag tagccatggg 240
gccatcgctt ccatcagtggt ggatgcccag ggtctgcagg gtgtattcgg ctgcatacgt 300
ctttgcttca tccacaaaagg cactcagctt tggaggt 337

<210> 3118
<211> 343
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. T40995

<400> 3118
taatgggttaa ggaggaaggt ttattggctt caattcccca gttgatgttc aacactttat 60
ttagttctca tttggatttt aaacatttgc ttgacaaaata atttcccatc aatttccatt 120
tctttggaaa gctcccacgt gtaattttatt tttaacatct ctgaagagca gaattaatga 180
tatttcctag ctgttgctcc agatcatgta gggtagagga ggctgaaaac tgctacaagg 240
gaaggcatct gtattgtttt aaaacgtcag gacggtacgg gatactcttt ccagagcgac 300
gagggtcaaa tcccttcatt tatttttttc aaaagggtaa aac 343

<210> 3119
<211> 312
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. T41047

<220>
<221> unsure
<222> (1)..(312)
<223> n = a or c or g or t

<400> 3119
tttttcggta gaagaacttt tattgaacag taagattcaa gatttcacca gggtnagagg 60
gggaattgaa aattagtaga aaaattccaa ggggaccagt tagccacaac aaagaatggg 120
gttcagggaa cttcttaggg atgtatcttc ccctcaatac aggtagagga gcagcatcag 180
aagcagggct ttggagagag gcatagaaga gaatcacctt ctccctggccc acgcaagcta 240
cctgggtgta cctntcaagt tcagggccag cttcttggtt cttccccgct cttggtagat 300
gtaaaagggt tc 312

<210> 3120
<211> 341
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. T41078

<400> 3120
 tttttttttt atcttttagtt tgtaaaagtc tttttattgta accgtgccac acatagtga 60
 aaataacact cctaaaaaaa gaatgctacc ttttccacaa cattttatatt taaataaaac 120
 ttcaagtact cttacgtagg tacaaaaaaa atctgatcta tttgcctcca acaggccacc 180
 acaacacaca gtagataaaa cacagtgggtt acaaacgtct tttaaattta tttctgagggc 240
 aaggcaaagt ggaggggaaat gtttctttga aaaaatactg tgtgcgtagg aaattgtcac 300
 atttttattc cacatggata caaatgatta tactttaatt t 341

<210> 3121
 <211> 317
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. T41232

<400> 3121
 ttgctcatca gttatcgta gtgtccgtgt attttacgtg tggcccaaga cagttcttct 60
 tgttccagt tggtccagg aagccaaaag attggacact cctggagggtg cagcacagta 120
 tctaactact cctcaatact ttttccaccg aactacgtaa gaccagccac agcccagaaa 180
 aagaacttcc cacaggaaaa ggaggaagag gaaaatttgg aggaaatcta cgaggagggg 240
 attggccaac cgcaagtcag catgggatgc tggacacctg gccgagcgag aaacagaaac 300
 gtgagaattt ggaagat 317

<210> 3122
 <211> 459
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. T46901

<220>
 <221> unsure
 <222> (1) .. (459)
 <223> n = a or c or g or t

<400> 3122
 gctcttttatt tgggggttaaa cccatgtggc ccagagctgc cntgatgaca cctccctgaa 60
 agcagaagag gctcaggact ggcagccgtg ggtgcgcata tattccaaaa attcctccag 120
 ttgggtcccgc aattctttct tgctggcatc tccatctgct ggccaaagga tgaggaacgt 180
 ctccttgccc agaacatagc tgtaatcaga tttgattctc cacaggtctg acgtctggcc 240
 catgatgagg tacgattcct gttcttgcaa cccagggag tcatggcaag tggcatggga 300
 gacgaatttc ttcattggcca ggggtttggc aggggtccgta ccactcttaa tgatgtcttc 360
 gagctgcgtg ttntaataga cgtaagggtt gggangcaga gacctccaca agattcccag 420
 ctttntcttn tacacaaaat ccacgcctnc ctcacatgc 459

<210> 3123
 <211> 337
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. T47032

<220>
 <221> unsure
 <222> (1) .. (337)
 <223> n = a or c or g or t

<400> 3123

tatgaaaggt ttattccnag ngctagaccc caancttctt gggctctaag cacaattaaa 60
 ctggnggggn gggngagggt aggcctattc agangcaagg ccagcaatgg ggctcccat 120
 tatccccacc cctttggncc cagtcccctt ntctgcaang ggcacgcata gaggagagac 180
 aaagggtntt agacgcaaca tcattggccc aggggagtc gagaagagct gccattggct 240
 gacagggcat tttcaggctc tgtcattggt cagggagcac accccagcct gaagngtgat 300
 gccattggcc aggggagtg ttttgtcana gccgttg 337

<210> 3124

<211> 325

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. T47325

<220>

<221> unsure

<222> (1)..(325)

<223> n = a or c or g or t

<400> 3124

aagaactaan nagtttttta ataaaatgag caagtttaca tttgtacatt ttgtgtatct 60
 gggacccaat cgggacaaag gataaagttg caaggacaaa ggtttctgtg ggagagcaag 120
 caaaaagcaa gggctgcccc agttgcatca tgggcatcca ttcagagctg ggaccccgca 180
 gccacctgcc tgtgctccgg aagtgagaag cacatgtaag cgcgcgtcag tgagagcgtc 240
 gcagttgaac tcagcccagt gcaacgcagc cctgagtgac atccctacat taatacttga 300
 tagggaacag cagataaaca gttcc 325

<210> 3125

<211> 289

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. T47601

<220>

<221> unsure

<222> (1)..(289)

<223> n = a or c or g or t

<400> 3125

aatacatttt attgtgtata tttgaggttt acaacatggt agtttgggat gcatagaaat 60
 aataaaatgg ttactgtagg gaagcagatt tacatatcta tcattctcac acaactactt 120
 tttgtgacaa aagcagctaa aatctactta gttaacaaaa tccctaatac aattttatta 180
 accttagtcc tcatgttata cattaactct ctacacttgt tcattctgca tatctgctat 240
 ttngtatect ttgacctata tctctgtttc ctctctctgt tccctacca 289

<210> 3126

<211> 415

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. T47778

<220>

<221> unsure

<222> (1)..(415)

<223> n = a or c or g or t

<400> 3126
 ttgcttggga ttttttaata catattcaag agaaaatgac aaatatatct taatagaaaa 60
 ggatacaaat taaaaatcag aaggcaagac caccaggatt aaagatgcaa cttagatcaa 120
 atattgacca aagtaaattg gttgantttt gantatagca tagatcatac ttagtgagag 180
 gctttcgaac taacgactta catttaataa tanttagcat gtcacagatt atagtttatg 240
 attattagga aaaatgaagt taaatcaata cttggggaga ttgtttatta atgtgtgaat 300
 tatgtctttt tttaatattc ataaatagtt ttaaaatttt aaatgtgttt taggaaggaa 360
 ttgggttcct cccttggggg gcaaanaata ggtgtgccat taccacgtct ngtgg 415

<210> 3127
 <211> 299
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. T47969

<220>
 <221> unsure
 <222> (1) .. (299)
 <223> n = a or c or g or t

<400> 3127
 ttttccatgg ataaaatcgg catttattca gaaggcatga tgcaggaaga aactccccaa 60
 gtgggagaca atggctggcc cccctgcaag gaaacaaggc ttcanccttc cctactccca 120
 gacctgccgg gaaggctggg agcacagttc atggagggtc tctgggggtg gcctgggtnt 180
 ctgacctgtc cctntgcca caggtgaatn tgacctgcgt cctnaggatc ccgagtatca 240
 ggagagctgg cagaggaagt catgnagagg caaagcaggg ngcccnaca ggagatccc 299

<210> 3128
 <211> 526
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. T48039

<220>
 <221> unsure
 <222> (1) .. (526)
 <223> n = a or c or g or t

<400> 3128
 gtgcttggtta catgtccctt taatgtccca tccattgccc atgaaaaancc cagccctgca 60
 ggaggggtcg ctaagggtccc agctcttctg gggggcttct tgtctctgat gtgccccatg 120
 gatccagtcg aggtagcggc tgacttttgt gtaaacgccg tagttgtgaa ggagcccaca 180
 gccctcacc cagctcacca ggcccaccag gaaccagggt ccgtggaagg aggcgaccat 240
 gggcccccca ctgtcgcttc gcaggcatcc tgcggtcccc gaggatgccg acacagcatg 300
 ttctcagaca ccatgttgct catgacctcg ctgcactcat tgtcgggacc acgggaatct 360
 tgatgaagtt gaggacgaag gtgcgggttc tcttgggctc cttctctcgg ctgntgtggt 420
 agccccagcc cgtacgaggg tttctgggnc ggcttattaa gcttgcgttt tnaaaggccn 480
 ttttccggag aagatgggaa tatggtttcg anaggtggcg gttgga 526

<210> 3129
 <211> 282
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. T48075

<220>
<221> unsure
<222> (1)..(282)
<223> n = a or c or g or t

<400> 3129
agactttatt caaagaccac ggggggtacgg gtgcaggaag gggaggaggg gctgggggga 60
ggccaagnaa ngaagcatgn caccgaggtc cagcttcacg gtatttggag gtagcacggt 120
gtcacagaa agcaggaact tgtccaggga ggcgtcacc aggggtgaact cggcggggag 180
gtgggcgcca gggtcaccag caggcagtgg cttaggagct tgaagttgac cgggtccacc 240
caagcttgtg cgcgtncacg gtcntcagg ngacangcgt tg 282

<210> 3130
<211> 450
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. T48195

<220>
<221> unsure
<222> (1)..(450)
<223> n = a or c or g or t

<400> 3130
ccagcaggag aatatgcagc gcagagccga ggagaacccc cgctccctga ggaggacctg 60
tccaaactct tcaaaccacc acagccgcct gccaggatgg actcgctgct cattgcaggc 120
cagataaaca cttactgccg gaacatcaag gagttcactg cccaaaactt aggcaagctc 180
ttcatggccc aggtctcttc agaatacaac aactaagaaa aggaagtttc cagaaaagaa 240
gttaacatga actcttgaag tcacaccagg gcaactcttt ggaagaaata tatttgcata 300
tttgaaaagc acagaggggt tcttttagtgt ccttgccgtt ttggctatta ccatgtcttt 360
tcttggcctt nattanntta nancaaattc tttgnnnnnn nnnnnnnnnn nnccttcnngg 420
gggggggnccc gttccccatt tggccctttt 450

<210> 3131
<211> 216
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. T48278

<400> 3131
ggaaaacaaa agaaccagcc attttattcc aagacctatg ttctggggca gcaggaataa 60
ataaggaagg gaggggacgg gggcagggag gtaggttcta cgtcttgag cacatcccac 120
actttgatcg atgacagcag ccgcagcaga aaatgcagat ggggaagtgg gtgtctcgcc 180
tccttcgcct ctggaacatg ggcattccagc tggccc 216

<210> 3132
<211> 407
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. T48293

<220>
<221> unsure
<222> (1)..(407)
<223> n = a or c or g or t

<400> 3132
 tgtaattttg ngnatttttt ttatttagat actgatgttt attttccatg ttgcttaaga 60
 acccgtgcaa gaacagctta agaccttcca gtgggtgctc ctaccattc agtggcctga 120
 gcagtgggag ctgcagacca gtcttctatg gcaggctgag tgctccagtc ttcagaaggg 180
 aactgctgaa gaggcacaga aggcacctgc atgccttcag atcagtgtgc aacctcaggc 240
 tgagtagcag tgaactcagg agctggagca gtccattcac actgaaattc ctcttggnnc 300
 actgcctttt cagtagcagc ctgctcttct tttttaatca cttcagggat ctctgtagaa 360
 gtagagttca ggcattgacct cccatggntg ttcacgggaa atggngc 407

<210> 3133
 <211> 342
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. T48980

<220>
 <221> unsure
 <222> (1)..(342)
 <223> n = a or c or g or t

<400> 3133
 tttttanttt aataattttt aagttaatc nttttaantt ttaaaaaaaa acccanttaa 60
 caggtacant tttggtctaa aatggctcct ctgctgaaag atcatccgag cagtccccag 120
 tacagcccc actttttggc agaggtaggg taagggttat gtgcaccctc ctctaccct 180
 caattcattt gtgtcataga gggagaaaagt taaaagctca gctttggttt ctggcccaag 240
 ttaggggagc ttaggaaagg ttagccttgg gtccagcttt gggcaggaat gagggccac 300
 agatggggac aataagggca caaccctggg gctctgggag ga 342

<210> 3134
 <211> 351
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. T49061

<220>
 <221> unsure
 <222> (1)..(351)
 <223> n = a or c or g or t

<400> 3134
 ggaccaaaga actttatatt tatttttaaat atcaaagtaa cacaaagaac tagttcaata 60
 tacagtacac ttctactct tcacagagaa ctgaaatttt ctataaagac atttatactt 120
 aggaaacatc agacaaccaa agtatgtata aaactcacia gatattttac acacagttca 180
 caataattaa ttctgatatt ttaggntttt tctgtcattg ctttttaaagc atccttaatt 240
 taaaaacaaa aattattatt tgaggactgg aaaacagggtg gcaaaggcat ttctactttt 300
 aattatacac tggtaaattc ccccttaatc caaacattt tacttncaca t 351

<210> 3135
 <211> 375
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. T50773

<220>

<221> unsure
 <222> (1)..(375)
 <223> n = a or c or g or t

<400> 3135
 ttttaccggn tngagatctc gctgtgttgc ccaggctggt ctggaactcc tgggctcaag 60
 catcatccta cctcagcctc ctgagtagct gggactacag gcacccgcac aaccacacct 120
 ggcttttatg aacattttta ccttggtcct tntccccaca gacaagcctg gggacaggct 180
 gtgggtcttc ttcaagaggc tgtcttttga ttogaggaac caggccttgg tgcgcggacc 240
 caggtccttc aggtgggtcgt catagtaggt ctgcatgaag ccccggaagg tgctcgggct 300
 ccagaaccat tgccacccgt ctctgggtcct gttcaccact gtctccagca gctccttcat 360
 cctgcccttc accag 375

<210> 3136
 <211> 409
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. T51150

<220>
 <221> unsure
 <222> (1)..(409)
 <223> n = a or c or g or t

<400> 3136
 taatggagag ggggatgttt aatgagttcc gagcttcagt ttgggaagat gaaaattctg 60
 aaggtagata ttggtagtgg ttgcagaata acatgcatta cttattgtta cttaatgcc 120
 cagaaacctg tgcttcaaaa tagttaaaac agtacatctt atgtctatct tatgacaact 180
 tttttaaagg gaggcaaact atacaatggg ggtgaaagca gttaggccct tgtactaagt 240
 ttgggaaca atgtaactca atgttctcac accctttaga gaggagctca gagacatgaa 300
 gtaaccctat ccgtccggga acctacattt tctttgcac ccagtggggg ctccctctcc 360
 ctgaaagtcc catgtgttca cagtttnaca aggttttacc tggggaatg 409

<210> 3137
 <211> 469
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. T51617

<220>
 <221> unsure
 <222> (1)..(469)
 <223> n = a or c or g or t

<400> 3137
 gaatacaaat aatctatttg tcaatgaaat aaacacagct ctttgaggat ttgagactac 60
 attcaccctt tattcacagt cacttgcagt tttgcttttc tctgcatttc tctgctgtaa 120
 gatgactgtt gcattgttaa attgtatttt gaatggatat ttttgtttgg taacaatat 180
 ttaaatggta aaacgtgtgc ctttgtcctt tctcttcctt ctaaaccatgt atctctccca 240
 caggtcattc tcctgtcacc gtgtgtactg cagactgttt caaaaccggg caggcaatta 300
 ggcaatgggg aaataagggt ggtcccaccc ttcaatatct gcttggttgg ttccatttac 360
 catgcctctt gggnaacc aa tccctaggac tcacgggtgt gccccagga ataaccattc 420
 aggactctca ggttgggggc ttggtggttt accaccatcc cnggggggcc 469

<210> 3138
 <211> 444
 <212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. T51930

<400> 3138

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ctgtcgccca ggctggagta caatggcgtg atctcagctc actgcaacct ccacctcccc 60
ggttcaagcg attctcctgc ctcagcctcc tgggtagctg ggattacagg cgcgtgcacc 120
acgcccggca tgagtggaat tttagtgtta aatctcttcc tgactctggg ttcagtaggt 180
cctcctcttt ctgttacctt cctgggttctc tctgttcacc aactacctgc atgtgccaaa 240
ctagaaaaag gaaataatth acacccctgc cccaacagct ccttccttcc tagggacttc 300
tgtgtccacc cccacttttg ggtcttagaa ctgtggctag aagataaaag ggaggagttt 360
gagtcagagg ctttatgtcc ccaaacccaa cccctctga gtattaaact atagtgggca 420
ttgtccctca agtccctc tgcc 444
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<210> 3139

<211> 430

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. T51972

<220>

<221> unsure

<222> (1) .. (430)

<223> n = a or c or g or t

<400> 3139

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tcattttctt ntttttatth gtcaatataa aaataactcaa atattttacaa caaataaata 60
cgcgggggaca caataagtha cactgttagg agccctcctc ctagggtctg aagagagtat 120
gccattgtcc acagcaggcc caccctctcc cttctctccc ctcacacagc ctttcccagc 180
cctgtacagg aagaaggcaa gtataaaata ccaactgaacc ccggggccaa gtggggaggcc 240
ccaccacccc ttccccccaa acacacagga ggctccatct ccctccccc accctgaaaa 300
cattcacagc ctaggagca ggantaggcc caccccaagc cctgcantcc ctntgaaggg 360
gcacagcacc ctgtccacc caccctcnta tgtacatcgt tgcccgcacat tcggggggcag 420
tggggggtag 430
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<210> 3140

<211> 435

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. T52564

<220>

<221> unsure

<222> (1) .. (435)

<223> n = a or c or g or t

<400> 3140

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ccagtanctn nacataaggg aaattaatca gttaatttct gctgacttag gtttcctaaa 60
cagcttttag ttctcaaggc acagctgtgg taaaaacaga gcaaaacacc cagccattta 120
ttggaattct gcagtacaaa ataagcacat gtctctatat aatctagtaa caggatagca 180
acagttaaac tgtctcaaac aacagatgta tttgcttgat tttccttctt aacttctttt 240
gcatcaggac cgcaagcaaa gagcttgtht cccagagtat tttggggcaa atcgggaaat 300
acataatgtg ggcccattgc cacaaaaggg aggactggaa atcaatacgg aggcaaggcc 360
caaaaggctt cagggatttg ggagccgggg ggtggcccat ggatggaaat gccggggagg 420
tccagggagg ntagg 435
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<210> 3141
 <211> 391
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. T52813

<220>
 <221> unsure
 <222> (1)..(391)
 <223> n = a or c or g or t

<400> 3141
 ttggtatana agttttttat ttcaaaatgc aaaatgggtgg tcattgtaat aattaataat 60
 aataacataa aaagcattta tccttcctcc ctagtgcata atggtagacg catttagata 120
 attcacacag tggtggaaat gtcattgaca tgcagtgtctg cacagagaga tactcaatcc 180
 caaactcctt tgggtggatgc ttgtggtagg tcagttctag atgtcagcgg tttctctgaa 240
 gttaagtcca aataaaaaaac agcacgtgct cctgcactct cccagcggag tcaggctcct 300
 gtgcgcgcgc cccctctggt ctctcccttc cttctcggtc tgtctctgtc tactgcgtnt 360
 cctcccaact ccgctggtct cccacagttc c 391

<210> 3142
 <211> 404
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. T53404

<400> 3142
 ctgtagcaat gaaaattttt aatttgaata aaaatcacgt aagcatgagg ttgttgggga 60
 acacggaaag gaagggctca gattaggggg ttagcacat ttatcaggag gtaagatctc 120
 catagtctcc taccctcctt ggctggcct ttactgttg tatccagcct ctgggaagac 180
 cttgtatgga cagtatctcc actggggcta tcactagggt accaggtagg ggacagagta 240
 gagcagccaa tgaccttaac tcaaaatctt ttctctccct tcaacctgtg aaaaaagatg 300
 actgggcaca tactcagatg tcccctgggc atagcaccat cttgttggcc agtcacaaac 360
 accagctctt agttaagagg gcctggggtt aaactcgtgc cgat 404

<210> 3143
 <211> 309
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. T53590

<220>
 <221> unsure
 <222> (1)..(309)
 <223> n = a or c or g or t

<400> 3143
 ttnggtatgt gggttcagctn tttatnttct ccatgggggtg ggtgaagagg agtggccag 60
 ctgagctgag gaaggtgacc actgagaacc cattcaacct gctgagcagc ttgggcagaa 120
 aggagcagga cttgggacag acgactgaag atgcagagac cccatgggcc ccaccctgg 180
 gccttctctc catntggctg caggcatcct ntntnatcan tgctggggtg cttcctggtt 240
 aaagggccan aaggtnaagg agatgggntt ttcangcatc agaattagggt tnaatttgggt 300
 gcccacatc 309

<210> 3144

<211> 163
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. T54160

<400> 3144
acaaattgca gtttattaag gctccagagt gagaaatggc acttggttct gggcaggggc 60
aggggcaggg gtgtcagtggt aacccaaagg agctgggtcc aaacatgttg gagggacctc 120
ctccatcccc ctacccccaa taaataaagt ctcagctcca tct 163

<210> 3145
<211> 315
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. T55004

<220>
<221> unsure
<222> (1)..(315)
<223> n = a or c or g or t

<400> 3145
tttatatttt tattctttat ttttaaaatt tatgtatggt cgtgaggcac aagtgcaatt 60
ctgctacatt gatattctgc ttctcagtc caccacaagga agctgtctca cactatagag 120
anaatattca tgaacaaatt cgtatcagtc acagtggagag gtaacactct aaatagccca 180
tttcatgctc aagacatcca agtcaaagaa acccaatagc acagctgagt cccctctggt 240
cccccccaa caccctactc acatcagggc ccctgcctgg gaggtgtcac ctttatttagc 300
tgtgaggaga cacc 315

<210> 3146
<211> 395
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. T55196

<220>
<221> unsure
<222> (1)..(395)
<223> n = a or c or g or t

<400> 3146
tatnncagtg caaataaacc cttcttttatt cgtacatagc tgcagtacta gattggaatt 60
cacttcacaa agagaaaaat acaagccaat aaataacttga gaactacgtg atcttacatc 120
tcagagagtg tgggctggag aggcctggta cactggagag gtctactaca ctggagatgc 180
ccactacact ggagacgccc actacgctgg agacgcccac tacactgggg tctgggtggc 240
ggcgagttag gggacctgtc tcacatgggt gaggtctgc agcacacaca ataccagat 300
gttaccaagg gcacaggcag atggcataat tgggtgagga aatcaggaaa cagggacaca 360
agtttacagg agggaaagaa aaagaggctg gggcc 395

<210> 3147
<211> 375
<212> DNA
<213> Homo sapiens

<220>

<223> Genbank Accession No. T55547

<220>

<221> unsure

<222> (1)..(375)

<223> n = a or c or g or t

<400> 3147

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tttttattgg atttaaatat tttattttaa gaaatattct taaggctgca gtttattgat 60
aagaaaaata taaagcatat atgtttatag attatgtatt gacattatag tatatagatt 120
ctccaaataa cataattaat tttgtagtgc tactagtggg atgcattctg cagaaacatg 180
gctttacctt caaatctaag cacaataccc ttacatcaaa aatgaaggat aataaaagca 240
caactttgac tcattttaa tttgggaggc cacatctgga tttgttggag ggggtaaatt 300
cggtttattt ccctcttcag gggaggncat tttttttgc catctcttcc nggggcccc 360
ttttatccct nttaa 375
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<210> 3148

<211> 370

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. T56264

<220>

<221> unsure

<222> (1)..(370)

<223> n = a or c or g or t

<400> 3148

```
ttganttnng ntttttattg aaaaganttc aggctagant tgggaggagg atgcaagagc 60
tactgggaag ggggagctca gtctgaacct gggggntcag gggantaggg gantntcccc 120
ttntccactg atgggggntn tggctnttac tcctctccct tcagcacaga aagaacttgg 180
tcagtaaaaa tgctntnta agtgctcatg gctgctgtgc ttttgctgta caagtccctg 240
agtttctcat ctacagcggg caggtatgtc ttctcgtaca ggttctgggc ggctgtcttt 300
gctgactccc agtaactggg agagagattc cttcacctgg gttaagggaa ggntcgggct 360
aangcaactc 370
```

<210> 3149

<211> 306

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. T56279

<220>

<221> unsure

<222> (1)..(306)

<223> n = a or c or g or t

<400> 3149

```
caaaacttta tttatganta aaaatgaggt aaaacagtan ttgaaaaatg aanttgaaaa 60
caaatataat agtaaattca gaaaaaggtn tgcattttac taatagtaat gccattgatt 120
ctatTTTTtct tcacaactgg gatataccag tttcccatc tgacacattg ctcgaaatga 180
atgagatttt gttggatgat atccagattt acaaacaat tcaactatgg tcacctgttc 240
ttgaataaag cttttgttgg gtttgtccac tttaatttta tggtnatatt tttccataat 300
ttctgg 306
```

<210> 3150

<211> 470

<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. T56281

<220>
<221> unsure
<222> (1)..(470)
<223> n = a or c or g or t

<400> 3150
caggtnatn ttntttaatt atcactcaca tatttcacag gaaaaggant ntagcaaag 60
ggtcaagggtg gtntaaaaaa aaaatccagg ttntacatg tctctctgtt tacatctggg 120
agaaagggttn tcctggcatc agtcgcagca gctgcacttc tctgacgcc ctttgcaaac 180
acagccctgg gcacacttgc tacagcccac ggggaggcag gacgagcagc tnttnttgca 240
ggagggtgca tttgcncctt ttgcacttgc aggggaaccag cgcaggggtgc agggagacac 300
cagcggggcg agggagcagt tgggggggncc cattgcaagc ccgagggaga gactgggact 360
tttcccaagg agagaagcga aggaagccag tggggggcag ctctgtgccg anttcccttca 420
gccccggggg gntcccccta gttctaggag cgggccccac cgggtgggat 470

<210> 3151
<211> 447
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. T57140

<220>
<221> unsure
<222> (1)..(447)
<223> n = a or c or g or t

<400> 3151
agatattgat atacttccta gtgggctggc ttttatctcc agtggattaa aatatccagg 60
catgccaaac tttgcgccag atgaaccagg aaaaatcttc ttgatggatc tgaatgaaca 120
aaacccaagg gcacaagcgc tagaaatcag tgggtggattt gacaaagaat tatttaaatcc 180
acatggggat cagtattttc atcgacaaag acaatactgt gtatctttat gttgtgaatc 240
atccccacat ggaagtccac tgtgggagga tattttaaat tttgagggaa caacaacggt 300
cttctgggta ttacctggaa aactattaaa acatggaact tcttcaaaaag tgttgaattg 360
acnttggtggg ttcttgggac cnggaacatt tttttggcca ccagagacca nttttttacc 420
caantccctc ccgttcnttt tttgagg 447

<210> 3152
<211> 286
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. T58032

<220>
<221> unsure
<222> (1)..(286)
<223> n = a or c or g or t

<400> 3152
tttttgcgtt ngntcaggaa gcctttattg agggccttct tgggtgtggaa gtgctgcact 60
gagtcctgcag ggacagagga atgggcagga gcggggccgg gggtagacca cctggcaaga 120
ctggcaaggc agtgggctga gtctgccaga gaagatgggg agctgctgcc cgccaggggc 180

atnggcatct gggctgagaa gggcaggagg gtgggtgaca acaatgtgca ggtctntggg 240
ggacacagcg gcagtagaca gagaggtagt gggggctggg agagtt 286

<210> 3153
<211> 429
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. T58153

<220>
<221> unsure
<222> (1)..(429)
<223> n = a or c or g or t

<400> 3153
ttttagaaag ggacaccata agatgaactt ttttttaaag ctcataaaag tgttcacann 60
naaaaaacaac aggatcgaca tttcttccat tccacacttt cacatgacaa tatactgtat 120
agttagagag anagtttana gtttttggtc tgcagtgtgc taacacattt gactagcttt 180
tgttttactc attgaatttt taatatcaaa gcaaaaagtc attttctctt ggacagaaat 240
ggtttttagaa agcccttatg aagtcagact tagtcttggt tataaacatc cacaccnca 300
cacatgctgg aatgggngag caaaatgcaa ggcaactacc ttgggcaggg gaccaaagtc 360
ttaaaggatt tgtaatcaca gccctcttgg gcaggcnggt accgggtttt tttctccna 420
agggccaaa 429

<210> 3154
<211> 235
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. T58607

<220>
<221> unsure
<222> (1)..(235)
<223> n = a or c or g or t

<400> 3154
ttttcagtat cttaaataaa ctgtttattc agaaggaaca attaaagaaa gcaactatga 60
tatggattac aaaaacaaac aagcatagat cctctccagg ctccagggtg agacggcccc 120
acgctgcaaa gactgccagc cctgggggat cgcatacgtg ggctagcatg tgtgtgtgag 180
cgccgacacg tgcnacacac aagcacacac acgcacaccc gccaccacac ggggtt 235

<210> 3155
<211> 441
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. T58756

<220>
<221> unsure
<222> (1)..(441)
<223> n = a or c or g or t

<400> 3155
gattcaagat ttcaccaggg gagaggggga attgaaaatt agtagaaaaa ttccaagggg 60
accagtttag cacaacaaag aatgggggtc agggaaactt ttagggatgt atcttcccct 120

caatacaggt agaggagcag catcagaagc agggcncnttgg agagaggcat agaagagant 180
caccttctcc tggcccacgc aagctacctg gtgtaccttc aagttcaggc cagctgctgt 240
tcctgcccgc tcttgagat gaaaagggtt cccatgcccc cacctcctcc cgagttaatt 300
ctctccaggg tgcttctctt tgatgtaaac ccaggggtgc tattagcagg ctccttggtc 360
tcttgctcaa atcctttcca acctttccaa cctgtnggag ctctgctgtt tctaatttct 420
taacccccat cttgtttctt t 441

<210> 3156

<211> 306

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. T58775

<220>

<221> unsure

<222> (1)..(306)

<223> n = a or c or g or t

<400> 3156

gtcaaaactca tggagtttta tttattgcat gcttggggtt tggactaaga gtttaccct 60
agccgtgtct catacccttt ctttccctgt cctgcaaagc ttaacatggg aggtagagat 120
ttgtgtctct tcttctctct cttctctctc tctctctttt tttttttttt ccaatcaggc 180
actctctgta cccctgccac cctgaggaag acaaaatatg agaggatcta gcaaagtctc 240
tgcaaaaatg attaattgtga atattcccat ccggacttcc natgaaaaag ttgcattata 300
aatga 306

<210> 3157

<211> 337

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. T59148

<220>

<221> unsure

<222> (1)..(337)

<223> n = a or c or g or t

<400> 3157

nattaaatct atatttaatt tnatcaagtt ttnagagtat tctgccctgt naaagngtcc 60
tgagtttgca gatagtgttt taaaaataga gtatctttaa gtatagaaag agtccagaaa 120
atagaacagc aacttttcct accttganca ccattaatca gcaccataaa aagtaaaaag 180
ctacacataa gcacataggc aagcctagtc caccaaaaaat acagtattag taaatggatg 240
aaatctcatg aagagtanc ttagggaaggn ctgtaagggt ttgaaggaag gtgactgaca 300
atttaattgc aaaaggacac aggattatta gggcata 337

<210> 3158

<211> 446

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. T59161

<220>

<221> unsure

<222> (1)..(446)

<223> n = a or c or g or t

```

<400> 3158
gggtgtgtttt attttcatta ttcatacaaa taatttttcta taatancccg gggcaaacc 60
gagaatttgg cagnccgatt gggggggggn cccttcagag acccacaggc cgggtggantc 120
ggcgcggagn ccagggntca cagtgcagct tgtggctcgt gtccatcttg caggtggctc 180
ttcctccaca tcacgactgg ggtctcgaag ggacgggggt aggaaatcct ccaggatctt 240
aggaaatttc actccgcttc tctgtctcaa tggnetcttt gggtcggcag ggggtgttctt 300
ctcctgcgtc tccgttttct tcagcttggc cttatcgaag ctgggcgatt tccccatgt 360
ctgggtttgt ctgccanttt cttaaaacaa tccngncagt ctcgttccga gcccagatc 420
cggggngct cccactcgcc tcgtgc 446

```

```

<210> 3159
<211> 497
<212> DNA
<213> Homo sapiens

```

```

<220>
<223> Genbank Accession No. T59668

```

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<220>
<221> unsure
<222> (1) .. (497)
<223> n = a or c or g or t

```

```

<400> 3159
tttttccatt atcctggttt tatttaggaa taggatgggg gtggggagggg cttaatgtggc 60
ccacacgtcc aggtntagac tgactacatt gagtatcgct ccaacaccga acttcccttt 120
aacggtttaa aaaaagggtc atgagnttca acacagttca gcagtgtttt catgggagac 180
cttcaggcag gcaggaggac atcctcctct ctgctcagga ccaccacggg agttctaggc 240
actccacctc actgttcttc agacagctgt gatgtgagca ggggctaggc cggtaatcaa 300
ggggggccaga ctgagccatg ccacaccctt cctcctagtc cccatgctct cctggggggag 360
cctggggcag ctctgcttta ctttcccgtt ttgtgttttt tcttttgttc cttacgttgc 420
tgtgtctctt gggtccttct ttcctccttg agtccaccac cttgaaatga cctntgactt 480
cagctnggcc ggcgcac 497

```

```

<210> 3160
<211> 587
<212> DNA
<213> Homo sapiens

```

```

<220>
<223> Genbank Accession No. T60407

```

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<220>
<221> unsure
<222> (1) .. (587)
<223> n = a or c or g or t

```

```

<400> 3160
ttcagaatca gatatgttta atatctgcat ataacttaat atgcatttct tccattacaa 60
tttttaagta taatccaagg ctttaaaagg tatctttttt ttacagtaat ttaaaattat 120
agaagatgcc tttcctataa ttgaagttat tgatcaattg aaggtataac cagactgaaa 180
tatacagcaa cttcttgaag aatggcaaaa ataaagtga agttctaaat tcttctctga 240
atttttcagc tattgcta atagggtgct gccaatataa taggcaacac aggttcgtct 300
aacacaggtc ggtctaacac tggtcnngt aatcaatcat catatcttat ttctttcctt 360
tttctttttt gtttttttga gacggagccg gcntctggct gccagggct gggagtgcag 420
tgggcgtgga tctcgggctc actggcaagc tctgcctccn ggggnccaca ccattntcct 480
gcctcaggcc tcccgggggg gctgggggnt acaggggggc ccgncaccat ggntcggnta 540
aatttttttt ggatttttag gaggggcagg ggtttccacc tgttagg 587

```

```

<210> 3161 ~

```

<211> 344
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. T61256

<220>
<221> unsure
<222> (1)..(344)
<223> n = a or c or g or t

<400> 3161
ggctctgcat cccccagcca tccccccaga gcctctccct gtgggaacac aggacacagg 60
cagagtcctc cccacagctt gcatctgtcc cctgaacagg gcaacctgga cgccaggctg 120
gatggagggg agaaggcgat gcagccgcaa tggtagtctc catggtttgt gaggagccgg 180
cacctgctct cacacgatgc catcaaagcc ctgcaggcca cacttcttgc cggccacctg 240
ggaaccgaa tctcagtgtc tccctgcacg ctccctccct ggganaaggc tgaagaatga 300
cggaggcatt tnaaggtttc tccangctcc cagtntaatc cacc 344

<210> 3162
<211> 337
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. T61373

<220>
<221> unsure
<222> (1)..(337)
<223> n = a or c or g or t

<400> 3162
cggggctaag gggctttatt nggctggggg aaggagatgg gaggagggag ctacagaggg 60
cccggcatgt gggctctgac tcctacagat ggccaggagc tgggcagccc accagtactg 120
agcgatggag cgtgggtagg gaggggtccac agtntccact cgccgtntgc aagattgact 180
cggtagtact tgtctccaga gaagaagaag acactctgga tgggttcaca ggtggcaggc 240
acaagcagtc catcctgtag tcatcatagt tnttggtcc caagttgctc tcctcactgg 300
agaacaagga cagccacgtg gcgccgggat ggccggc 337

<210> 3163
<211> 548
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. T61389

<220>
<221> unsure
<222> (1)..(548)
<223> n = a or c or g or t

<400> 3163
tggggcagan anaagnnctt tattgatnnn ntcagnaatg cagggtctggc acccatcagc 60
ttcaaaccac atcttatcgc atccactcct ntccncttcc nnncccatth tgccctnttt 120
cagggtgaaa tcttgctttc aggcaagggc ttccggccag ccttgcattha gttctcagct 180
atggtcttct gaaccagtc ctgggatgga agtcaccttc acatacacac catactcagc 240
cacagcacag ctcttatcaa agcttaagat cccagtcgca taccaggggtg tcctcctcca 300
ggggtcgtgg aacggggcaaa gggcactgcc cgcacgcga taggcagggt gtctttcttg 360

ggtacttttag gacatggcca ggcacaggag ggtgtgtttc atttcagtat gggggccttgc 420
 acccctacan gggctctttc ggggtgttctt ctttttcggg ggacttggtg ctggcctttc 480
 ataatgnctt atggatttgg gttttgggtc aggcacagga nggcattgac atacttcaga 540
 tgggggnca 548

<210> 3164
 <211> 124
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. T61649

<220>
 <221> unsure
 <222> (1)..(124)
 <223> n = a or c or g or t

<400> 3164
 gattttctcaa catcaaagtt taattattac aaaatatggt caagcaacag atagaatttc 60
 aaaaacagta ttgtcttnc ttccttggtt tgctccaaca ctaatcatgc tgagggtttt 120
 gaag 124

<210> 3165
 <211> 116
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. T61654

<220>
 <221> unsure
 <222> (1)..(116)
 <223> n = a or c or g or t

<400> 3165
 ggctttgggg anggtcctcg agcgcgggct tggtctctcg ctgaggtgct agaatgctcg 60
 gtggccttgg gtggtactcg gccagtctgg gccgcgttct ccttgagagc ctcaag 116

<210> 3166
 <211> 504
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. T61801

<220>
 <221> unsure
 <222> (1)..(504)
 <223> n = a or c or g or t

<400> 3166
 aagtgaantt gcaatctgtc tttattatga gaaactgggg aggtgggnca ggcagactca 60
 tgtcagaagn ccctcagtga gaagcaagaa gcaatctgtc tttattatga ggactaggag 120
 gtgggccagg cagactcatg tcagaaggcc ctcagtgagt gcagcccagg agactggtca 180
 cattctgggg ttgcggaagg gccttgntgc attcagtttc tccacatcac tntagcagta 240
 caaattgggc catggatgag gtacaagccg ggaccattgg cggaacatga gttagggcca 300
 aggncttttc catacacaag gctccgtcta ccttctcatg gggnccaagg aagctctntc 360
 cacgtggctt ggntcctgac ttcaggtcca gccaccacag cagccgtcct nccatgatat 420

ngagccgaga agaccagggc agataaaggc cgcattcaca gagtcaggnt aattccatga 480
 ngggtccanc ttcttttcca gcgt 504

<210> 3167
 <211> 595
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. T62521

<220>
 <221> unsure
 <222> (1)..(595)
 <223> n = a or c or g or t

<400> 3167
 aacttaggtg ctcttttgcg ctatatactt taattcatgc aaaagtgata gaggactgga 60
 cnttgaggct ctacagaggc ctttctgaga aagctgtgta gtccttact ctggcgaaga 120
 acaagggggt gtacatcttg tcaatctcaa aagcactgac tgcagtctca ccagttgatt 180
 tgtaagtaat gtgacaagaa tgatgtatcc agatgagttt gttgaacctc tggtgaccac 240
 tggaacatag ctgtagcccc acatgaaaac tctgatctgc ttcttgatca gggacacgac 300
 gaaaatatct gtatttatag tcaagtgggt ttttcttctt ttttcttagt tattacagca 360
 aatacttttg gtctgattgt ctgtgtcttg tgacaagcga tagtgaccca gtaggaattg 420
 catcagtcct gggggattcc naggttctta aacgtgggga ccaatgggac tgagggctct 480
 tcagggggnt tgtccaccat ccacacatg ggcccatccg gggaaggatc cttattgtnc 540
 cccatgtnat tagggnaagg ggaggcccca aaccacaccc ccncaccan ggttt 595

<210> 3168
 <211> 237
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. T62918

<220>
 <221> unsure
 <222> (1)..(237)
 <223> n = a or c or g or t

<400> 3168
 tttttttaag aatcttcttg gcctctttat taagagccct ctgccttncc aggggagggga 60
 agcaaactct tcaggggccc cagagttcct gcaccccata tcatgggtga gnctaccagc 120
 cacagagcca cccgtcaccg tggagaggct taagntgcac tcagagctcc ccccgggcat 180
 gccgaatgta gtgttgatgc agccctgctt cctgagcaaa gtcctgaccg cactctg 237

<210> 3169
 <211> 554
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. T63364

<220>
 <221> unsure
 <222> (1)..(554)
 <223> n = a or c or g or t

<400> 3169


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aagggcanaa atgattttat ttttaaattgt ggacaggcaa gcagaggtgg ttggcaaagn 60
aaggtggctg acgatccgga anctgtacag gagagataag ggcactggct gcagagtccc 120
tatcgaagca tcatccgaac cctgcggtag ggggtggccca caccacggcc tgagccaagt 180
caatgccata tttntgggcg gccctcanga cactgcatag cgaccattga gatttgatcg 240
gtaacaggat gcataccacc aggnaccntg gacaatcact gcacagttgc tgttgcttga 300
ntcgtggtca gcgtcatagg tggtaaaggg cctcccactg tggagnctca gggaaatcccc 360
tgcagtnctt ctgagaactt gcccagtgcc agatggtagt ggtctacctc accgaggagg 420
cggaaggctg catagtgggc gaaagtacgg ttaccattaa agtcttcag ctctaccgc 480
agcttcagat taccctggag antaagctgg tcaaattctc atttcccagc cagaattcag 540
ctnttggttc caaaa

```

<210> 3170

<211> 426

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. T63490

<220>

<221> unsure

<222> (1) .. (426)

<223> n = a or c or g or t

<400> 3170

```

gagattcaca gttattatatt acaaagaaac cataaaattg taagtaggtg aattcatcca 60
catactatatt cagtgagtat ttttgcttaa gatcatacca aagttgttcg tttctttggt 120
acgaaaaant tatttgact gaaaaaata tgttcacgtc gtcttccttg catctctact 180
ctcaaaattc cattctcttt taaatgtcat cctcttcctt atcttacttg ganttcagg 240
tggtatatct ggcagttaca cacaaacaga ttacttttat gtggcttagt aaagggtgtaa 300
tagagtacta aaactaagtc tataagagan tttccatact caagtacagc ccagattcca 360
taatgctaga gcaaaaagca catgagtggg aaagtcaaca gggactcaat gggccacata 420
aaggcc

```

<210> 3171

<211> 306

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. T64575

<220>

<221> unsure

<222> (1) .. (306)

<223> n = a or c or g or t

<400> 3171

```

tttttttttt cagtttttnaa gggttattta ttaaaccctt tggttctgac cccaagctga 60
gtgggactca gattcagacc ctgcactcag agagccccct gacttgggga agacagagca 120
gagaaaggca gcccantnt ggccaggntc agctggaagg aaggacaagg ggntgggaga 180
acccagantt caagagntct gggaaacagg gaacggcntt ccagacggag ggcacacctt 240
gggcatgggt aaggaaagcc catcgttttt tntaggaagc atggatggat gaaacggggt 300
cccagc

```

<210> 3172

<211> 421

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. T64887

<220>

<221> unsure

<222> (1)..(421)

<223> n = a or c or g or t

<400> 3172

```
ttngtaggtc cgataatgac ttttatttta acatatttaa ttacagacat aaaatagctt 60
ggggaggggg gtgagcccag ccttagcccc accatgggta ttagganggg aggcgcagng 120
gggccccctg ctgaccctct ntctgggggt ntccctatgg cggggcctat tgcttgantg 180
ggggaggagc catgcaaatg agggggggcag ggcagccact cggccccacc ccaccccgag 240
gacggcctcc ccacagantg cccaggctnt gccccagccc cagntnntcc acctccttcc 300
tntntttcca gggagcagac cctttggcca gcccctgatt ttgcccntac ccnntttgca 360
aacctaaagg ggattaaata caaattttac aaagtaaaag ggggtccaan attgccctgg 420
g                                                                 421
```

<210> 3173

<211> 422

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. T64933

<220>

<221> unsure

<222> (1)..(422)

<223> n = a or c or g or t

<400> 3173

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taaanntgat ttaaaaatta ctcttttact tttattacaa taaataatta tcaataatag 60
anttaaacaa tttcaattaa aacctactgc atnctttggg gtttacagca gcagancaaa 120
cataaatcca gttgaaaggg aaggcttcca gantccagtg acangaacag tctgggtcttg 180
attattcggg cnagcaatgg gaaacactga tacagataat gcaaaaacaa tgaaatgcat 240
cggcatactc tctttgtaca tcacattatc tgacacttta aaatattcca gctangtaat 300
ttaggcaggc catgaggctc tgtttctgca cagtnggggt tctccccag caggcccaca 360
gcacactgct ccnngggcca ccttggggcc ngaacggggc ccatcatcan gcggcctgga 420
gg                                                                 422
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<210> 3174

<211> 319

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. T65443

<220>

<221> unsure

<222> (1)..(319)

<223> n = a or c or g or t

<400> 3174

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ctctaaatth attagggagt ttgttacaaa tntnccggct ttacaggcat gatttcacgg 60
attcaaacaa gaaattaaca ctgatattta gccttctcat gacatacaca gaaataacat 120
tgctacaaac tgcaatggng agantcttgt ttcaaattggc ttagtttggg gttttgtcta 180
aatgtatcat tatataatga aagcaccnat ttgagggttt ctcaaatagt gatttgaatt 240
ttaggcacata acagtataac atgggtaact ttattcttca tatataanta aggcatanct 300
gggangtgta ttaatgctg                                                                 319
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<210> 3175
 <211> 550
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. T65957

<220>
 <221> unsure
 <222> (1)..(550)
 <223> n = a or c or g or t

<400> 3175
 tagcaccgnc acaaatacgca cttttttatctt ccactatcttg aagtctgaac tttaaacaga 60
 ttcttgactg gtggtcatat ccatcagctc gtcaacttag acctgtctcg tcccagtggc 120
 ttttcagaac tactgcctta ccatgaagct ccatgagttt ccaattcaaa cttgggcttc 180
 ttcagcattt ttacttttct aacgagacat catggagagg ataaatagat tggcaagcct 240
 tttctatgtc ttttccaatg ctgtctggaa tcaatttatt gaccacttct ttcaagtcac 300
 ttgtctgcac ctctcgggca tgatttccat catcttcttc cggattggcg ggacctgttg 360
 gngctgagca taagagggct tccgtatctg attgttgctg tttttaggta aanccaacac 420
 aggacagacg gaggcaagta accatcggga ggtcttgaca acaacggnag gcttcaatca 480
 atggnctgcc atttttttga ccatggncca cattttgtca cggggtagga ncctggccat 540
 ggaggttggt 550

<210> 3176
 <211> 554
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. T65972

<220>
 <221> unsure
 <222> (1)..(554)
 <223> n = a or c or g or t

<400> 3176
 ttgagacgga nttcactctt gttgcccagg ntggagtgc atggcaaata tcgactcact 60
 gcagcctctn cntcctgggt tgaagtgtt ctctgcctc agcctcctga gtagctggga 120
 ttacaggcat gcgcaccacg cccagctaatt tttatatctt tagtagagac ggggtttttc 180
 catgttggtc tggctggtct cgaactccta acctcagggt atccacctgc ctgggccttc 240
 caaagtgtct ggattacagg tgtgagccac tgtgcccagc cttttttaat ttttttttaa 300
 ttggggcagt cccagaagca gattagtttc agaggggact ccccatctca ttttttggtt 360
 gctgcttatt cctctatacc aggggggtat tcaatctttt gggcttctct gggggccacg 420
 tgggaaggaa ttgtccgggg ggccacacat aaaatacact aacgataact gatgagcttt 480
 aaaaaaaaaa tcacacacaa aaaatctcat gttttaagga aagtttaca atttgtgttt 540
 ggggtctcatt caaa 554

<210> 3177
 <211> 570
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. T66189

<220>
 <221> unsure
 <222> (1)..(570)

<223> n = a or c or g or t

<400> 3177

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taaggcacta cccccagatg ggaggggaagg gagggcnact gtgaactcaa gtntgagggg 120
gtcatctgca nnaagaccgg agttgcttcc atgtcactct cctctcaaga gaagctgcta 180
ttcaggggta aatggagtct gctctcatcc atgggttaaaa gtggattgag acgntctaca 240
gagantttcca tcttcttttt aaggaacaca tccgaacgan ttcagaaggg aaattttgat 300
atttaaaant cagtgtctct cacttcccac tccatccncc acctcccttt ntaagctcag 360
agcacagcgt tcctacgggc cagccaggga atctttccag aaaggggntt gagagtttcg 420
ggccccctgat gggagcggct catttgctgg ccgtgaacgc tgggtttccc gtgatagctc 480
tcccaagggt cagggcgtga ttgtcatgtg taccttcgag gnttttnacg gnctcagggt 540
catggcgtn c ggttcacgtg atattcgtag 570
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<210> 3178

<211> 404

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. T66935

<400> 3178

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tttctaattg agcaacttta ttcacataat ttctacacca agaactcgag gttatctctg 60
atggaaccaa tttcactaat atttacttta agggcagaga agtcaaccaa gtcctcacag 120
tctcaagaat caaaaacaaa acaaaaatac aaacagagag caagtgggaa gataaataac 180
actccgaaat aacctagcta cacactttta gtttccaatt tttctagcat gaaatcactt 240
ttctctttcca tcctgtaaga cgtgttctct cctctctctt ctgagttggg ctgtgaagag 300
ctgccctggg tctcccggtg ctgacgggtg ttgtccaccc catctgaggg caccagggg 360
aattgccctg ggggtccgga gccctggggg tttctggata gcct 404
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<210> 3179

<211> 445

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. T67053

<220>

<221> unsure

<222> (1)..(445)

<223> n = a or c or g or t

<400> 3179

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ttctggttgt caatgaggat atttattggg gtttcatgag tgcagggaga agggctggat 60
gaattgggat ggggagagag accctcccc tgggatccct gcagctccag ggtncctgg 120
gtnggggttag agttgggaac ctatgaacat tctntagggg ccactntctt ctccacgggtg 180
ctcccttcat gcgtgacctg gcanctntag cttctgtggg acttccactg ctccggcgctc 240
aggetcaggt agctgctggc cgcgtacttn ttgttgctct gtttgagggg tttggtggctc 300
tccactcccn ccttnacggg gctgccatct gccttccagg gcactntcac agtccccggg 360
tagaagtcac tgatcagaca cactagtgtg gccttggttg cttggagctc ctccagaggan 420
ggcggaaca gagttacagt gggga 445
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<210> 3180

<211> 460

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. T67231

<400> 3180
tcaggaccga cctatcccag aatggtgtgg agtgcagcac atacacttgt caccgagcca 60
ccattctggc tccaaggctg catctctcca ctggactagc gagaggggtg tcagtgtttt 120
gctcctgggt ctgcttccgg ctgcttattt gaatccttgc tctgcgatgg actattccct 180
ggctgcagcc tcaactcttca tggctactgg ggccttggac aagttgttac tgactatgtt 240
catggggatg ccttgcagaa agctgccaaag gcagggcctt tggcactttc agctttaacc 300
tttgctgggc tttgctattt caactatcac gatgtggggc atctgcaaag ctgttgccat 360
gctgtgggaa gctctgacct ttttgacttc atactttgaa ggaattgaat gtatgcctct 420
tttgctctg ctttgtcatg ccattaaagc tcacaataat 460

<210> 3181
<211> 537
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. T67520

<220>
<221> unsure
<222> (1) .. (537)
<223> n = a or c or g or t

<400> 3181
acatttttatt tataacagga aaaatatatc cctctatatt ttagttttaa aaaatactgc 60
ttggaagcag cccatatcct gtgcgttttg tgaattttca ggtgagactc cctcaaccgg 120
ctttccccc tcaactgccac accactgcta gtccatgggg agggggctgg gggttcagggtg 180
ggacctcttg gttgggagcc tccattgcta ctttgcattt aaaggaccga gagtctcctc 240
aagacaagac cactgttatg tgatggatgg ggggtgtctg ttgctggatc cagttccaaa 300
aggtgcccag ggaacctggg gaagggtgact accctatcat ctcacaggga cccccacac 360
tggaacccc agcctcctgg ggtcctgggt ccaggggctc ttttccctg ggctgggtcc 420
atgggttgcg acaccacgg caccggggca ttccacgntg gtncttcgag gggagggcct 480
nagagggtcta agctncacct tctntttccc tggggtngcc agattcantc cttncct 537

<210> 3182
<211> 600
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. T67705

<220>
<221> unsure
<222> (1) .. (600)
<223> n = a or c or g or t

<400> 3182
agcatatatt tcttctttcc tacgccattg aagaggctga cgattataat aattacaatg 60
aattacagaa ggaggtggga tctcagtcct ccagggtcag ggactcttaa actacctcct 120
ttctctcttt gctcagctct tccccatacc cctgtctcag tgtttcttcc tttcctcaaa 180
atcctcaaca gagaagccag agctgggcag gtgtggggta tgggttagcc agaggtgtgc 240
tggggtcagg ccacctcgcc ggtcgatttc cgccttttct cacacacca gcggtacacc 300
tgagggcaga agtcatcggt ccagcgcca tccggctggg actttcaaca cagtctttca 360
ctttccaccc agctcgtgcc cgtgccaat atctgggctn aggtgacagn ccagttcttg 420
tangtttggt gcctataggt ctgntggcca ttccacccat ttnccaggg gccatnattg 480
tnccgtggnt cgggtgncga atttcttgc aagncccggg gggantccat angttttagg 540
nggcggggcc gcaccgggtg gggaagcttc cagnttttng tttcctttan gtgaggggtt 600

<210> 3183
<211> 571
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. T67931

<220>
<221> unsure
<222> (1)..(571)
<223> n = a or c or g or t

<400> 3183
ggntagtttc aaactcctag gctcaagcta tcancacct ttggcctccc aagggtgctgg 60
aattacaggt atgagccacc acacctggcc ttgtttcctg gcattttacg gtatccaaat 120
aattacagat caacaggtca acaactgtcg aaagcttacc tccattttct gtattcatgt 180
cacagtatac tctatacggg ttgacagaac tgtcagggtg aatgagatac atttcagatg 240
tttcacctcc tttcctgata atttcctcac attctgc aaa tgtaaggaca acattatgtt 300
caggggttta tggacataat tactttgtat ttaggtcacc aattctttaa aataacatta 360
cataagttac taagggagtg tggtattata ggacctttgg gaaaataata ttaacanata 420
ttaggggttn cattttactt taggtaaggt cccaaccag ttttgagggg cggtttatct 480
ggctaggngg ggtggaacaa ggctcttctc caccttttgt gtccgggggg gnttatccct 540
ggagggctcc cgggnccaca caaatggggn g 571

<210> 3184
<211> 480
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. T68083

<220>
<221> unsure
<222> (1)..(480)
<223> n = a or c or g or t

<400> 3184
ccagccgaaa cnncttggg ggcaagaaac ttcttgtag aactttccac ctccggcttc 60
cccctccacc tcttttaccg tcccaacctt aggagacgt ttttctcccc cagaggagaa 120
tttatctttt tttttttttt tttttctttt tctcaccggg tgctttgcat ttgggaagag 180
gtgatttcaa gagtggccag gtgggacgcc tctctcctcc ttattcgggt tactatttat 240
tggtccgggt gttttttaat tctgtattg ctccggccgg ggagtttcgc cccctagccc 300
ggctccgagg cggagnaatn ggggtgtgga aacggctggg gcgcgctggg tgatgttccc 360
tctnacagat gatctnatct ggggtgggtg aaagcagccg tcgggactgg gtgctgcccc 420
ccaagctgcn ggaacctntt cgcggggaga aacgtntctca tcaacnggcg gcggggagag 480

<210> 3185
<211> 469
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. T68426

<220>
<221> unsure
<222> (1)..(469)
<223> n = a or c or g or t

<400> 3185
 tncctttcttt attaaatgac gganaggatt gttgtgatta cagttgaagg cncgtnttag 60
 aaaggcaggt catgaagnag agagtncac agactcggct ctcgaaccgg ggcaggaggg 120
 acaaggtgag ctgtcagccc acaggacggg cgggctgggt ggacacagcc cccaagttgg 180
 ccaagctgag tctctgggcg agtggctccc aggagaggcc tggctgagca ggcagacacc 240
 ctggggacccc agggcangaa ggccccctgcc ctccagctccc caagcccagg cccttctcca 300
 ctcatacacg ccacctacat gtgacgtcac cctgaaaagg taacaggaaa gttcaganca 360
 aaaacaaaac cccaaaanta aaaaggctac gtntagcana gtattcccgg aaacntntn 420
 tncacaggcn gtnntggccc cctcggngtt ttccgggtca ctttggggg 469

<210> 3186
 <211> 381
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. T68510

<400> 3186
 gatatttgaa ttttagcaggt ggagtttcat agtaaaaaca gcttttgact cagctttgat 60
 ttatcctcat ttgatttggc cagaaagtag gtaatatgca ttgattggct tctgattcca 120
 attcagtata gcaaggtgct aggttttttc ctttccccac ctgtctctta gcctggggaa 180
 ttaaatgaga agccttagaa tgggtggccc ttgtgacctg aaacacttcc cacataagct 240
 acttaacaag attgtcatgg gagctgcaga ttccattgcc caccaaagac taggaacaca 300
 cacatatcca tacaccaaag ggaaaggaca atttctggaa atgctgtttc ttctgggtgg 360
 gttccctctt ctgggcttgc t 381

<210> 3187
 <211> 440
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. T68711

<220>
 <221> unsure
 <222> (1)..(440)
 <223> n = a or c or g or t

<400> 3187
 ttttacnnnn ctttggattt tttattaagt tctgcaataa ataatagggt tataagttca 60
 ccctgttgtt ganctcatca gtggtcgcca agtaagaggg tgaatcactc atcccaagag 120
 actctgctac ctcttagctc tggagggtaa aaagcaaggg ccagagcaaaa tacattgggg 180
 agagggggag aaaaaaaaaa tcaggctatt ttaatagccc tcacatgcca agtgcttttg 240
 attcatcatg tttagttttc ataagcttgt gaggtagata atattatccc cattttatag 300
 atgaggggaat ttaggctcca atggggntaa ataacttgta caagnacaca tactggaatg 360
 actgccatga gggagggaaat gtgaattttg ggtcacgggg ccaacaccct acactcttcc 420
 taccntgcc acactgggca 440

<210> 3188
 <211> 453
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. T68855

<220>
 <221> unsure

<222> (1)..(453)

<223> n = a or c or g or t

<400> 3188

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ctgtttacct ctcctttttca ctctctctca ttccgttccc tttcttcttt caacatctaa 60
catggtaaag ttttgtgcta ataaccaagg caagacaaaa cttatattca tgttcttcca 120
taaagaatct catatcatca taggaaggcc aaggccagaa gggaaaagaa agagaaagaa 180
gaggggaatc caaatgaatg tctcttagat gtctcactgc gcacgggctt ttccggacat 240
cttccactcc ttgtctcgaa gcttggtcgc ttgaattttc cctgtgacag tcttggggca 300
ggttcaagga caaactctat ctttcttggg gtacttgat gggggctgtc actgactttc 360
acatgctgct gcagctcctt gggtgagctg tttctggggt catgggggac agggaaactnc 420
gaggccaggg gnccacaaat gcctttcacc acc 453
```

<210> 3189

<211> 244

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. T68873

<220>

<221> unsure

<222> (1)..(244)

<223> n = a or c or g or t

<400> 3189

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nttttttttt ttttcaagtc aaaactgttt tattgtcngt ttacatattt aatagaaaaa 60
ggaatgtagc aaatgctcag ggttgtaga aaaaaaaatc caggtttggt caggttgtct 120
tgtttacatc tgggagcagg gctgtcccca catcaggcac agcagctgca cttctccgac 180
gcccctttgc agacgcagcc ctgggacact tggcacagcc atggnagacc aggagcagca 240
gctc 244
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<210> 3190

<211> 188

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. T68878

<220>

<221> unsure

<222> (1)..(188)

<223> n = a or c or g or t

<400> 3190

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tttttggant tcaaaagacc cntttattcc aaagctgagg tcacaaatac aaaacttgcy 60
ccttcatggc ctctgtcccc tgccccccac caccagacaa ttccccagcc atggtaagat 120
gccttntgaa cctgcaatcc ctttngnaaa agacccagc ntttgctcct ccaggntccc 180
aaggccgg 188
```

<210> 3191

<211> 393

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. T69009

<220>

<221> unsure
 <222> (1)..(393)
 <223> n = a or c or g or t

<400> 3191
 gttgaaannt ttattttcang gattttaaatc caccctcttc cgagaacacc agattaaaaag 60
 acctccagca atccatgatt ctagtatact catctctgac tgctgtatgt aagatgtgat 120
 ttgattaaag nangacagac aacangtgca tttattaggg ncaacattct gaatactcac 180
 gagtagttat cttgcacact taaccctagg ccagaggaca cagggaacc acacaggana 240
 aggntaccag ggcagngtca ctggagtttt gcttatacca caaaaggagt taaggcagtt 300
 taattcaagg atgcgaaaac tacgtctatg acataaaacn tgacattcac aanttaactc 360
 agccttttaa natgtcccca antaccaacn agt 393

<210> 3192
 <211> 454
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. T69020

<220>
 <221> unsure
 <222> (1)..(454)
 <223> n = a or c or g or t

<400> 3192
 gtaaaagaac taatattttgc aaagaaagg gacgaggaca ttttctaata agcattagca 60
 ggagcagcca ccccaagta cattttattc ccaggnatat ttattttggg actaatagca 120
 atcaaaacag agtaagcgga aggtcttttt tgtaagggtg agatgactgt gttcctgcag 180
 cctggacact gactgctgca atgaaattgg atctgttgag catgtcttcc aaggacagat 240
 ttggatagta agccaggtag aaggccagag cccccacaaa gctntcacca gcacccgtgg 300
 tatccacagc cttgactttc tctgtgggaa tgtgcttttg ctcaggttct gtctgtgaca 360
 gcaccacaca tccttcagcc cctaaggnta atgattacca cctgggcagc cccttttcaa 420
 ggagcactan tgcagcctnc ccagcatctt ncag 454

<210> 3193
 <211> 469
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. T69029

<220>
 <221> unsure
 <222> (1)..(469)
 <223> n = a or c or g or t

<400> 3193
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 aaggngtggc acctatcagc ttcaaaccac atcttatcgc anccactcct gtccactccc 120
 gtccactttg cctctttcca ggggtgaaatc ttgctttcag gcaaggngtt ccggcagcct 180
 tgcattagtt ctcagctatg gncttctgaa cccagtcctg ggtggaagtc accttcacat 240
 acacaccata ctcagccaca gcacagctct tatcaaagct taagatccca gtcgcatacc 300
 aggggtcctc ctccaggggc gtgaacggca aaggcactgc cgnatcgcca tagcaggngt 360
 cttcttggnn cttaggacat gccagcacag aagggtgntt cattcagnat ggggctgcac 420
 ccctacaggg ctcttcggng tcttctttnc ggggactntg ctgcctnca 469

<210> 3194
 <211> 416

<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. T69164

<220>
<221> unsure
<222> (1)..(416)
<223> n = a or c or g or t

<400> 3194
atgatctcag ctactgcaa cctcctcctc ctgggttaag tgatcctcgt gcctcagcct 60
cctgagaagc tggattaca gacgtgcacc accatgcctg actaattttt gtatttttag 120
tagagacaag ttttcgctat gctggccagg ctgacctoga actcctagcc tcctcatatg 180
atccaccac ctcagtctcc caaagtgtg ggattacaag cgtgagcacc ttgcacagcc 240
aaatcaagtc acttttaaaa tacaaattta ttatatgtct aaggacatta tcgataaagt 300
gaaaacacaa cccacagaat ggggaggaaa atatttggca aacctgtat ctggataagg 360
ggtctaggaa tccaggaata tattaaagga actctttaca acttcaggta nttaaa 416

<210> 3195
<211> 419
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. T69284

<220>
<221> unsure
<222> (1)..(419)
<223> n = a or c or g or t

<400> 3195
gtgactaaat ggagtttatt ccatcaaagc aaggttgatt taatttttaa aaatcgatat 60
gtgttatgta taatatcaca ttatctcatt aaaaagcatg tatctagcgg cataactgtg 120
tgtattaaga cctaaaatat agtatcctga tactttacta cacactttta aggtgttaac 180
ttatttcac atccccacaa ttttcatgaa ataaggaatg attattttct ctcagctgca 240
aatacatggg ctggaaacac aaaggttaact gggctctagg atcatgtagg caattaagg 300
gacagaggct gtggaatcca gtttaggata gggcctgact gggnggcact tcattatatt 360
gtctttcagg gngtctatac ctgacctggg nggggctctg tattgggggg ggttggcct 419

<210> 3196
<211> 466
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. T69305

<220>
<221> unsure
<222> (1)..(466)
<223> n = a or c or g or t

<400> 3196
tttattctgc cactgctaca gggccactg tcatttccag cccactgagg ttgaggggat 60
ggccaggctg ggattcacac aggcccagga tgaaaggac accnngtgn ttgggggtgg 120
ggtggctggc ttgatccct accccagtgg gttggccagg tgatcagagc ctccagggtc 180
cctcacacac agcctgggta catttctgcc gtcaggggccc ggaagactgg gcccggtnt 240
ccagtacaaa cagagggtca accacgatcc ccacattgaa gccctcacgg caccaaccgg 300

gtntttcatc agttttgaac gtgctgggtg acctccatgg gcgttctggg ggatgcggat 360
 gaaatggggg gntagcgtag gnaggggagc caagcgcgaa cgttcttngg ttacaacttt 420
 ttttccccgt tcgaaagttt ttggccgggg nttaagcttn cacagc 466

<210> 3197
 <211> 234
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. T69384

<220>
 <221> unsure
 <222> (1)..(234)
 <223> n = a or c or g or t

<400> 3197
 ccccgagctt ctcccacat agggggccgg accccantca ccagcctagg atccagggct 60
 gcctctgct cttaggagc agagagcaga actccgcagc ccagcccaga ggagtgtcac 120
 ctcccacctt tggagaggaa tccttccctc ccctggacaa agttgctgac aagtgtgtaa 180
 gtggcctctc catattccag ctgagcctga atctgactct tnagggttgg gctt 234

<210> 3198
 <211> 586
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. T69728

<220>
 <221> unsure
 <222> (1)..(586)
 <223> n = a or c or g or t

<400> 3198
 ctacttanta gcaagggttc cattccaaca atggattact actatgtaga ccaactcctg 60
 tctgatttag atcttctttt cataaacaca ttgatacttg ttcaaggaca gctgtaaata 120
 catccaattt cttttctttt tatccccctc tacaactctg cttggctaca aaaatctagg 180
 actcacagag caacagcagc gatggtcaga aaataagtgc cagttccaat gcaagaactc 240
 tctaaagttc attggtcaca atttttttta accacctcac ctaccatgac ttttttcttt 300
 tctcattatc tngccaatta tttcttttga aattcaatcc tccgagctac attctgaggc 360
 accaaatttt ttgaccaatg cctctctggg gatcctcatc atcttttngg caaatctatg 420
 gncatcttgt cggggaccaa agggggatat ccatcaggct ctctggacca gacggctagg 480
 agggcgggaa ggaggcctcc aggttcacca ctatttttag ggnagggcct gtgnaactgg 540
 tggaaggnc caggtaaacc ttctccatta actgccgaag gaccta 586

<210> 3199
 <211> 492
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. T70087

<220>
 <221> unsure
 <222> (1)..(492)
 <223> n = a or c or g or t

<400> 3199
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 ttctcttcag catttttagcc agagtaggag tccgtgttga atacaagttt gtcattcttat 120
 ggattatata ttaggggtgaa tatcagagct ggtgtccatc atgtgaacag gcagcatggt 180
 actggtgggg agaggggtgg aagtacagag tactagggcc ccaggagcta atattgctaa 240
 cttgacaata ttggtaaaag ctagaccngt taagaactac cngcaatggt tagtactgaa 300
 agcaaaaggg gaaggattca tcaggctaaa ataaaaaggg gaaactagca ggttgggcat 360
 aggggcagaa cccangggaa aacccaaaacc aaaaccccc aaaaaactac taggatttcc 420
 ccgaaaagtg gggaaaagcc cnaaatctcc aggnccattt aatgacagcc aggtatttnc 480
 caaatgtagg gg 492

<210> 3200
 <211> 375
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. T71012

<220>
 <221> unsure
 <222> (1)..(375)
 <223> n = a or c or g or t

<400> 3200
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 cnacataaat aaatatagtt ttaaaaagtgg actttttaaac ancagttttt cctttccgtc 120
 anggttttcc nacgacaagg ataaaaagacc cctcttccctt atttgaaaat tctcgcaatc 180
 aactagaact gaaattatga acaccaactc tgtcaaaaact atacttttgt tacttcttgg 240
 ggagcaagag aaatgaagaa ancaaaaagaa aatcatgtgc tattttaatg taatttatcc 300
 natacttttt tcaaaaagtc acactcacgt ctgcttgaga gtttttagagg ggatataatg 360
 tatgaaagga anttc 375

<210> 3201
 <211> 454
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. T71021

<220>
 <221> unsure
 <222> (1)..(454)
 <223> n = a or c or g or t

<400> 3201
 attcttttaca aaaccacac acacacatcc acacacacac acacacatga tgcttgccct 60
 gctgtggtca ctctggccct ggngtctcct gggatcaggc cctcctggcc tctcccaggg 120
 gaaaccatcc tgcagcccct ctgggtcagc agtgaaggag cagagagagg gaacctcctt 180
 ttctgcttct ctgctcagga acagaggtct gtgccccacc tntcggggag caagtggagg 240
 tgacagagaa acagcatcct cctcttttcca ccgttgagcc cccggagttg ccagcctagg 300
 cccccaatnt cacagctgcc aaggcctggg ggtcatctgc tgattgaacc ttccccatcc 360
 ccattttgca gattgaaaca cagcgggtcca aagacagcgg acgagtcacc caagggtcacg 420
 gtgctgggagc aagtggcaga gnagggacgg ggat 454

<210> 3202
 <211> 390
 <212> DNA
 <213> Homo sapiens

<220>
<223> Genbank Accession No. T71373

<220>
<221> unsure
<222> (1)..(390)
<223> n = a or c or g or t

<400> 3202
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ggactcagca tcagaccctg cactcagaga gccccctgac ttggggaaga cagagcagag 120
aaaggcagcc ccagtgtggc cagggctcag ctggaaggaa ggacaagggg ctgggagaac 180
ccagagtcca agagatcttg gaaacagggg acggcattcc agacggaggg cacaccttgg 240
gcatgggtaa ggaaagccca tcgtntnttc taggaagcat ggatggatga aacgggggtcc 300
cagccgctat ggacagcccc gagtttcacc tntaaaaggc aggattattt gtttttaatt 360
ttaatttttaa tttttttgag acagtcttgc 390

<210> 3203
<211> 177
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. T71776

<220>
<221> unsure
<222> (1)..(177)
<223> n = a or c or g or t

<400> 3203
ttttgatgan ggnngtaatc aatcttttat tcacagctac aaactttaat caattatgga 60
taaaacacaa aagctttttg aaatgctgat aaaggaaccc ataccngaga gaccaaataa 120
aatccgagtn ctgagctggc catggntttg gcaggctcagc agcacatgga ggcacag 177

<210> 3204
<211> 482
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. T71978

<220>
<221> unsure
<222> (1)..(482)
<223> n = a or c or g or t

<400> 3204
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agctgtccaa tttctaaggc gactctgctg tgacagtgat tggcctctgt cccctgcagc 120
tgcgaggccc ctgtctgagc tgggtgtgcca acgccttntg cctgtntcct ccaccgggca 180
tcttgccttc cctgtcattc tgggaatgcc atcctggaca cactgagagg cctagggtggg 240
tttntctccc tgccaccac ctgagtcctg ccagtgcctt ggcctggncct ctgggtctgc 300
cgccatccct tgtccagttg ggttgaggca ccgtgtcttg ggccttgtcc ctccaggggc 360
agagcgcggc agcncnttac cccacagcg ttgcagccct gcagntgggn cctnagccct 420
ggggaggagg cttttccttt tncagagaga acttggnccct gcaattttca gcttncctat 480
gg 482

<210> 3205
<211> 382

<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. T72171

<220>
<221> unsure
<222> (1)..(382)
<223> n = a or c or g or t

<400> 3205
ctaagaataa atattttat t caatatggaa gtacaacatc tgcaacagta cttatgcatt 60
ttttttacta ttttcctgtc actgaagtgt tttaccctca gggctagaat ttcagatact 120
acatcattac cactcactgt gccatttata ctcaagcttt aaatacatag tgtctgaaat 180
aaaatctagt ttggtagggt gtaatgagtt ggcattgtaca ggtagaggga aggttggtga 240
aggntctggg gatacaaaaag taccantatt cagtgaantt agagccaaaa aggagattcc 300
tacttaaaca agtgggggaca gggggtgcta tatatgggaa agggagtctg attggggata 360
caggaaaagg aggggtctat ga 382

<210> 3206
<211> 375
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. T72268

<220>
<221> unsure
<222> (1)..(375)
<223> n = a or c or g or t

<400> 3206
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cccaaattcct catcttggag tttctccttc agccagggca gcacttgaaa gaggttgatg 120
tgaaagtctc gggcgtgann ggttacctgc ttttgccgnt tctggttttt gcagacatcc 180
actactcccc agctgattac accaacttga atgaaacgan ttctcttggtg aactatcaag 240
gggccgccag antcacctnt gcaagtnttg gggtcagcat agggactcac tcctccagta 300
caaaggggaa cgaggggtga ccacctntga ggatgtccct tgantttgtc atagcctggg 360
ggcaatattt gaggc 375

<210> 3207
<211> 346
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. T72502

<220>
<221> unsure
<222> (1)..(346)
<223> n = a or c or g or t

<400> 3207
atgtcagaat tttatttcaat gtcttttttca ggggacatag tttcacccat aacaatggcc 60
acgaaaggac ataagcagaa gatactaaca cagaacaaca aagacctaaa ggtgcctttg 120
caaaaatcat gacctgtgaa tgtgacctta tttggaaata gtctttacag atgtatttag 180
ttaagagcag gtaattnggg tggaccctaa tccagcatga ctggggtcct tagaagagga 240
aantttggga aaaagacaca gggagagcat catgtgatga cagaggcagn tcatgggagt 300

gatgtgggct gcacccaggg gaactcccaa agttccaagt gccacc

346

<210> 3208
<211> 141
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. T72629

<220>
<221> unsure
<222> (1)..(141)
<223> n = a or c or g or t

<400> 3208
ganananatag agtttataat tttggggcag gaaggaagta actgtaaaaa gaaaaacaag 60
tgcaagtttt ctttaaaaaa ataataaggct gatgggactt gctatcgaag ggggttagtt 120
ctaaaactag gactggtgag t 141

<210> 3209
<211> 322
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. T72906

<220>
<221> unsure
<222> (1)..(322)
<223> n = a or c or g or t

<400> 3209
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atggagcctc agtttagattg atacagtttg cagagtgcct ggcttagtcg atgttcaata 120
acatttgggg caggaggagg tgaataaaagg tatacatggg tgaacaaaat aacacagtct 180
aggctgggca cggtcgctca cgcctataat ccagcactt tgggaggccn aggtnggcag 240
atcacaaggt cagaagttca agaccagcct ggccaataag gtgaanccca tctctactaa 300
aantacaaaa nttagccggg ca 322

<210> 3210
<211> 252
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. T73420

<220>
<221> unsure
<222> (1)..(252)
<223> n = a or c or g or t

<400> 3210
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ccaccgtctc cggcttcagt gggggaaaga gggtgggaaa cctgactctc atgccctgga 120
acatctcgnt gctggtgtng aagggcagca ctgtggtngc gcttactccc ggacagtnca 180
gcagcccag ggtcaggctc tccatgaagg cgaaggttga cgctttggat ttgcagtagt 240
cgatggcacc gg 252

<210> 3211
<211> 346
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. T73433

<220>
<221> unsure
<222> (1)..(346)
<223> n = a or c or g or t

<400> 3211
gggagaaata accagctatt gttccgcatt caaacagaaa ttcaggtgct tgcattctttc 60
acgtattggt caaaaatcac aagcatctgt ggaaaaaac taaggtatta cagacactac 120
acggagggtca tgttcttaca ttcaagacac taaatacaaa cccgangcant gcaaaattgt 180
atactttaat tttaaaaccc antttttggt ctcaacttga aaagggnaac acttttttgt 240
ttcacaaaca agctgggtcg ggttgggant tctttttggg aacagtaggt cccgcgctaa 300
acactgggtt cttgcctccc caccctcctt ctctaaaatn aaccca 346

<210> 3212
<211> 241
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. T73442

<220>
<221> unsure
<222> (1)..(241)
<223> n = a or c or g or t

<400> 3212
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tttgatgcta ttatcttggt tttntacaaa anttttaagt gaagttactt ctgggtgttc 120
tgagatttca ggttgatttt gaattaagtt agttagttgc tcttctaaat atttcacttt 180
ttgttgaagt agaatttttt nttctaggag gctttcaagt tttgagttga gttcaagnga 240
c 241

<210> 3213
<211> 332
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. T73739

<220>
<221> unsure
<222> (1)..(332)
<223> n = a or c or g or t

<400> 3213
agagtgggga ggccttttat taaacattcc cgggagcttc atggctgggg antgcagctc 60
atttgaagg cactgggttt tgcgccaag tggacttttt ccaggagggtg ccactggagg 120
gaaaagggct gcctgggcca gggaggctgc ctggttctgc ctcccgggnt ggntcattgg 180
ctttcctntc cccaggcctg gaggaccttg caggntcttt ttntcctna tccctcaggn 240
tgggcatggg acangttttt gccantgcca gctttttgcc antggnaggt tcacancttn 300
ttnttggggc attgntgcag ggccgccttc ag 332

<210> 3214
<211> 314
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. T74542

<220>
<221> unsure
<222> (1)..(314)
<223> n = a or c or g or t

<400> 3214
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tttccgggaa aacttggatt tcccaagacc cgaagactcc tccaagttct cactgttagt 120
aaggtcaatt tgggggcaga acaggaacat gccttagctg cntncaggaa atagaagagc 180
aganagagtt gggcatggag gctccagctc aganttggga agatggagaa gagccttccc 240
aantccagag tgantagggt tcatagcacc cntntcctct ntttnaagga agcaggcccc 300
taaagggaaa caca 314

<210> 3215
<211> 532
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. T74608

<220>
<221> unsure
<222> (1)..(532)
<223> n = a or c or g or t

<400> 3215
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gaacatcagt gcctttccgc acacccccgt ccaggaagac ttccaccttc ccttccacag 120
cctccacaat ttctggcaga acatcaatag tggctggcac cccatcgagt tgtcgagccc 180
catgattcga caccaagatc ccattcaagc catgtttaac agcctccctg ggcacatca 240
cctctcaaaa tgccctttgc aacaattggc aatgatgtca gtcttctcag ccatttgata 300
tcttcccagc tgataggatg ggggtctattt gctttaggcc acatatgcag gcaagtccac 360
ttgtcgtctt ccaaaatttt tcttcaggga ggaaaatgga taaagtactg ggttttcaaa 420
aatttttttc atcctggagg ttgtggggcg ggcagttttg gaatctgttt acgggacatc 480
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<210> 3216
<211> 174
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. T74884

<220>
<221> unsure
<222> (1)..(174)
<223> n = a or c or g or t

<400> 3216
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actgcaacct ccacctccca ggttcaagtg attctcctgc ctcagcctcc caagcttgac 120
cacctttgac acctccctga agagtatgga gtgaagggat ccagggccac agct 174

<210> 3217
<211> 289
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. T77729

<220>
<221> unsure
<222> (1)..(289)
<223> n = a or c or g or t

<400> 3217
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ctccccttc cccaggagat aggaccctta aacctccctt gggtcctagg acacctgacc 120
caccantnt agtctccant gaggaggga cccttatttg gcaagagatg aacattttaag 180
cagctttccg ccggagaaag gacgatggct gaaaggantg aaccaccgca gcngttttct 240
ctcctntcca gntttggaca ggacctccac ggcccggcnt tcctggctc 289

<210> 3218
<211> 487
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. T77733

<220>
<221> unsure
<222> (1)..(487)
<223> n = a or c or g or t

<400> 3218
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gggggtgggc agtcaggcag ggnttgggca accagttaag cagatgaggg tccctntcct 180
gggggntca ctgctcctgg gtgccccagg agattntagt ctggccntnt ggcgcantgg 240
tactcatcga tgagctgctg cacaatctcc ctgggatntn tccatctcat caaagttntc 300
cttgaacatg tctccttgc ggaactgctc cagggaaggc cntcccgnnt acgcagcttt 360
gtcatactgg cgacaggttc tttcgaagac cgaagganaa tgctgggttg ggttggccat 420
catgagcccg ttgaccccg nggcccagg caggtaggga agacttctc ganagggccca 480
cctggga 487

<210> 3219
<211> 535
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. T78433

<220>
<221> unsure
<222> (1)..(535)
<223> n = a or c or g or t

<400> 3219

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tttttcttcc catgaggaac gtggctcagt gaaaatggng acttgatatt taaccgatcc 180
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ctctgaggac tggaggcctg agaccctgaa ggagaagggtg gnactgagga aggcctgggg 300
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gaaaagctct gcttaaatgt caggngtctc gggcatgctg ggtaatatct gcctaaggta 420
tctccaatcc agaagatctg agagcctctc agttctgttc cncctggataa tcctttgggc 480
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<210> 3220

<211> 420

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. T78889

<220>

<221> unsure

<222> (1) .. (420)

<223> n = a or c or g or t

<400> 3220

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cacatctgaa atgaccactt ccaaagccta agcactggca caacagttta aagcctgatt 180
cagacattcg ttcccactca tctccaacgg cataatggga aactgtgtag ggggtcaaagc 240
acgagtcacg cgtagggttg gttcaagcct tcggtgacag agttgcccac gggtaacaac 300
ctntttcccg aaccttatgc ctctgctggg tcttttcagg tgccctccact tatggatggt 360
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<210> 3221

<211> 273

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. T78922

<220>

<221> unsure

<222> (1) .. (273)

<223> n = a or c or g or t

<400> 3221

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actaacaagg aggagtgccg gcaccgcaag agccctccca gaagcgccca gactgggggt 120
cggggaggac gctgccattc gtggccagga agggaagggc gattccggag aggngtgggc 180
acggcgagg gaaaggccgg ntggtnngnt nggcaggag gcgggggtacc ngccccttaa 240
gaaaggggaa ctgcagacn tagtagagac gcc 273

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<210> 3222

<211> 389

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. T79477

<220>
 <221> unsure
 <222> (1)..(389)
 <223> n = a or c or g or t

<400> 3222
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 ttttnnnntt tttnaaagaa acaccaccaa aaggggatta gcttagtcca tcccttcctc 120
 agtcatctgc ttcccacctt cctccaaatg ttatcccaga acattctgga ggcagggaga 180
 aggggaggca gctaatacaga gtctgagagc acgatgatct cttctgggat cgcattgtgt 240
 gggccacact tgtcttgcaa gtaccagggc cgagggagnc tgggtggaatg ggggggggtt 300
 gggggacagc cgggctggga ggaaggggat gcagagggga gctgggtcac cggggccatg 360
 gcttggggga gaggttcccc ctcgtggga 389

<210> 3223
 <211> 379
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. T79758

<220>
 <221> unsure
 <222> (1)..(379)
 <223> n = a or c or g or t

<400> 3223
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 gattcccagc ttggcctctc aaagtgtctag gattacaggc gtgtgcacta cacctggcct 120
 cagantccta aagtgtcaac attgcccaag ttaatatata catttaatgc acttctggct 180
 gtgttcccaa tgctctgaaa gggttagcaa aacctctttt cttttttcac agggaaaatg 240
 ataataattc accttctcta ggtactattt cctttaaatc atggataatg gatggtaatg 300
 tcagggtgtt gggcaggggn aacactactt ttaataaaaa atggaccctt atttgggggn 360
 taactggcan tggngggg 379

<210> 3224
 <211> 403
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. T79842

<400> 3224
 ttaacatgga agaaaagcaa ttttaattgt tacaagggtg tgcagaagga cacctctcag 60
 gcttagaaaa tcccacgtca cccgagatct atcctcaagg cttcctctgc tggccacaca 120
 gggaagtttg gtcttcagag aggttctgat gctaacaagc cacaggggtg acgaatacaa 180
 atgtcaaagg tgtaaataca cagaagatta aagagaaaag aggaggaaaa ggggtgataac 240
 tcattggctg atgccattta aaaacaaatg gggtcagaga cttctggagt catgtggcag 300
 ggcaggatgt actcctgtag gcactgatcc gcagagtcct caaaacatgc cacgccact 360
 tttcacctga atctcttcca ggaacaagca ctatttctat taa 403

<210> 3225
 <211> 519
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. T79863

<220>
 <221> unsure
 <222> (1)..(519)
 <223> n = a or c or g or t

<400> 3225
 ttctttataa tattttttatt aataaagtag aagattcaat ccaaaattac tagataaaaa 60
 gaaataggaa agtgtaaccc acactcagga ggaaaggtaa ttaacaggaa ctaagcccaa 120
 aatatcacag atgtacttgt ttctttatctt gatatgatgg aaatgcactg aaaattttaa 180
 gattaaataa aatatggcag tatagtata tgcatgacac tttaaaatgc tgtcangttg 240
 gctgggcatg gtgggtgcgtg cctgtaatcc cagctacccg ggaggccgag gcaggaggan 300
 tcgcccgaac ccggcaggcg gantttgcag ncgaccncga ggntcttccc attgcactcc 360
 agcctggggc gacagggggc agactctggc atccccggag gtcctcttng ttgttaaaca 420
 gttccttttc aattgggggc tgttctcctc ggtacaacag atttggggat ntttctttcc 480
 gggggggnca tcttttgacc ccttttgcc tgncagttt 519

<210> 3226
 <211> 495
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. T81315

<220>
 <221> unsure
 <222> (1)..(495)
 <223> n = a or c or g or t

<400> 3226
 nttgttgaat gaatactgca agaataga gcagacaagg aagctaagat ctaatgaaag 60
 agaacaacat gtgggcagta tgtcagtgaa cctttttata tggttcccat caggctgaga 120
 cccagctctt gggcaaacaa cagtctcagg taggcagatc tattactcga gggtaggggc 180
 tgagactcta ggggcaatgt cttgtgctgg gcgcgcgcaa accctgctcc tgccctgact 240
 ggggtccatg tcttgctgct ggctgagggg tagtcagggg catgctcctt ggtagatggg 300
 gctctcttgt tgacttggtg gcccagaag tcaaacaac ccctgttggt tccctgggta 360
 acattgtcta ataaaggga ccactttata ggcaatttga aagtcttcat ccatggactt 420
 aagccagagg aatagttccc ttttcatgcc gagctatctt tgatgggatt agttgatctt 480
 ttaactctga ccaaa 495

<210> 3227
 <211> 456
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. T81393

<220>
 <221> unsure
 <222> (1)..(456)
 <223> n = a or c or g or t

<400> 3227
 tntttnttaa aaatatctat tgagcatgtg cnttnncaaa cacataatct atttgaaga 60
 cgtctacaca actgtactat cccatgcaga gtcccatcgc atacatcgcc accttagctc 120
 gcacgctgag ccagggcagt ntccctaca cgccactgga cagcctgtna atcctacgtc 180
 ccacacgagt ngatgagcga cggcagtaag ggcaccanta acacaggagg tggggacagt 240
 cactntcaca gggtagacgg gctgatatgc gtgcgtccta gggagtntag ncctaggacc 300
 tagcttaggg aacatgggag ctccgaccca gccacggggg gccacttgt gggggcacc 360
 ggggggtgnaa cacctggggg gaaacacagc cttacttttt taggaggggg cagacacttg 420

ggggcagcgg ggggttgggc cacgggcagg ctttcc

456

<210> 3228
<211> 292
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. T82254

<220>
<221> unsure
<222> (1)..(292)
<223> n = a or c or g or t

<400> 3228
taagttttat tattataatt acaaattaat tcagagaaac tgaagccatt cttcatacat 60
gacaaacata catttcctct gtgtgtacag cacacaagta atatacaca atatattcca 120
tgtctgaaca aatccttttt aaaactttta aagctggctg ggcacagtgg ctcacgcccg 180
taatcccggc actttgggag gccaaaggcg gtggatcaca aggtgagaag atcgagacca 240
tcctggccaa catagtgaga cccacttca ttaaaaaaaaa aaagagntaa at 292

<210> 3229
<211> 407
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. T82259

<220>
<221> unsure
<222> (1)..(407)
<223> n = a or c or g or t

<400> 3229
agcatttggg canggttgag gcattcacta tcaatttact gctttcctca agcaaaaagg 60
tcaagtattc aacttaagct gcaacatcag caacacttac caattataaa ttcctgaatg 120
aggtcaaatg aatggcaggc agagacattc tcagaaatcc actgaataat ctttaaaaag 180
tcagacagaa ctctgttggg atttaaattc gctctctgcc tccactacca aagaagtaca 240
aatatacatg aatccttttg attctatacc tatttttagga attgcctaag gaatatactc 300
acttctatac tatcttcaag gatacataat gcaatttctg ggtagggtaa aacgggtatt 360
ttataagggtg aggtcccttt tttatacatc tttttaataa atctcct 407

<210> 3230
<211> 294
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. T82323

<400> 3230
tttttttttt ttacacagca aatcccaagc cttcccagtc tcacaccttt ccacccattc 60
ataaaaaaac acacgaattt ctgcgaagtt ccaatatcac tgtctcttta tcatctaaat 120
agggccagtt ggacacctca ttgaaacaaa aaggctgac tagatgaagt actctttctt 180
ttcttcggag ttgttctgtc ctcttctgtc attgattata gctgtgtctg cgtctgtctg 240
gtcatcggct cctttggctt catgagtga gtaggtacct ttatgtctgg caaa 294

<210> 3231
<211> 394

<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. T83356

<220>
<221> unsure
<222> (1)..(394)
<223> n = a or c or g or t

<400> 3231
tttaaattca gtagctttat ttttaaattt caattagggt cccttggatg aacaagaaac 60
aaagtgtgac attttatgtg gnatctgaaa accaccctta gnatggcttt acatcggatg 120
catcagtttt ccaaaaagcc agagaactgt gttcccttga agcatttggg gacttcgata 180
gtgccatcta tacactgagc atcctctgta tagctacact tcttttcctt atttttgcag 240
aaggaaagaa actttatcac ccatgtaggc attcccattc cttaaatttt tccctggaat 300
cctttactct ctctccttgg ggacaccaca gtgggctttt ttcacagggg acctttacca 360
aggatgcctt taccaanctt gggccttggg cagg 394

<210> 3232
<211> 441
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. T83397

<220>
<221> unsure
<222> (1)..(441)
<223> n = a or c or g or t

<400> 3232
ctgcctgggt gtgctccag gcacgcacaa gggctccctg aagccccacg attaccccaa 60
gtnggagggg ggagttaaca aaatgttcca cgggatccag gactacgagg aaaacaaggc 120
ccgggtgcac ctggtgatgg agaagggcga cactgttttc tcccatcctt tgnctcatcc 180
acggatctgg tcagaataaa acccagggat tccggaaggc aatttcctgc catttcgcca 240
gtgccgattg cactacatt gacgtgaagg gcaccagttc aaggaaaaca ttcgagaagg 300
gaagttgtta gggaataggc acataaaatt ctttgggagg ctgnaaanta ggcgtngaah 360
tttgaagggt tattttggga tgttttcgga gcttcgattt gttgnaaagg gaggaagaa 420
ccattttttg gaattaggcc t 441

<210> 3233
<211> 438
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. T84084

<220>
<221> unsure
<222> (1)..(438)
<223> n = a or c or g or t

<400> 3233
tatttttcca ttcttttaat cttagcaaac tttttattat tattattatc aagaggagag 60
tntgagaaag atgtgatggc aacccttaag gtcatttaaa aactttacac tggactgtac 120
aagatttttt tttgataaac tatttacatt ttcagacttt caaacatatt caaagcagca 180
atagacacta gtttttatgt ttttttcttt tttttctaatt gcccaaatag ttaccagcca 240

tgggccaaagt aggtacctgc attatacata gaattttctac aaagnaaatc tgcagttaaa 300
 atttgctcca ggggtgtatt aaatgccctt agcaattcaa gggccacacc cagtgttgct 360
 ataggggacc aaagcacagg tacccttgac aacagagggt gccaggttgt ccccaaccag 420
 cccnttccac aaaccttt 438

<210> 3234
 <211> 389
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. T84491

<220>
 <221> unsure
 <222> (1)..(389)
 <223> n = a or c or g or t

<400> 3234
 acagggacat gntaggaaac gatgaaccta actgggcatg aagatgtcta gggaaaaaac 60
 aaggaagagt aaaaagttac acagaatcta tgcagcggca acaaaatcac ttttaagggt 120
 gcaggagaaa aactaatgca aatcttaggt cattagggag tctccgagcc attcacataa 180
 tttgcatttc ttacactcct tatccacagc acaatgaaac cccaagagaa tccatctgga 240
 gagagcgaaa ggggatggat tccgggtgtt ttggggtnag ggacaggggg agaaggtccn 300
 gtttcaacaa atgtgacata cggggaaagt cagacgactt taactntaaa cttngataat 360
 ggnagttaaca aacccaaata atcaggcag 389

<210> 3235
 <211> 408
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. T85532

<220>
 <221> unsure
 <222> (1)..(408)
 <223> n = a or c or g or t

<400> 3235
 atcgcttgag gccacgagtt caagatgagg ttggcaacat agtaagacct catcactaca 60
 attttttttt ttttaaatta gtgaagtgtg gtactgcaca cccgaagtcc cagctacttg 120
 ggaggctgag gcaggaggat tgcttaagcc cagaaatttg aggctgcagt gagccatgat 180
 tgcaccacta tgctccagag tctaggcaac agagtgcagc cttatctctt taaaacaaac 240
 aagaatgaag ttaggtatct gtttatttgt ttgagccatt tgtatttcct tttttgtagg 300
 actgtcctgt ttnaaacgtt aaaatcactg ctgtngggtt tngattttta catctcagct 360
 gggatgggca ccaattaaat tatttnaggc cctgggtttat tgnaaaat 408

<210> 3236
 <211> 416
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. T86464

<220>
 <221> unsure
 <222> (1)..(416)
 <223> n = a or c or g or t

<400> 3236
 ttgagacgga nncncttctg ttacccaggc tggagtgcag tgccacangt ctcggtgtgt 60
 gccatcatgc ccagccaatt tttgtatttt tagtacagat ggggtttcgc catggtggca 120
 ggccgatctg aactcctgaa ctcagggtgat ctgcccgcct cagcctccca aagtactggg 180
 attacagacg tgagccactg cgcttggtctg attctccaga aatcttttgg catcatcatt 240
 aataaaagca tcaagaagtc aaaaaggaaa tcaagtgatc ctcccgcctc agcctcccaa 300
 gtagctgggg ctacaggggtg tgcaccacca caccgcactt aattttctaa ggtctatttt 360
 gaacaagagg gaagacttga ataaagggtg tctctaataa atttcaagga catttt 416

<210> 3237
 <211> 405
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. T86482

<220>
 <221> unsure
 <222> (1)..(405)
 <223> n = a or c or g or t

<400> 3237
 ngggaagtgt ggtctggtn c tgtcttggag aaaactacaa taagagcgat aattgtgagg 60
 atacaccaga ggcagggtat tttgctgtan agtgggtgaag aaatcagctt ctgacctcac 120
 ctgggacaat ctgaaaggca agaagtctg ccatacgnaa ttnggcagac accagctggc 180
 tggaacatcc ccatgggcca tgctctacaa taagatcaac cactgcagat ttgatgaatt 240
 tttcagtga ggttgtgccc ctgggtctaa gaaagactcc cagtctcttg taagctgtgt 300
 atggggctca ggccttaaac ctcttgttga accccaacan ccaaagaggg gatactatgg 360
 gctacacagg cgctttcagg tgtctnggtt gagaagggng atttn 405

<210> 3238
 <211> 499
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. T86978

<220>
 <221> unsure
 <222> (1)..(499)
 <223> n = a or c or g or t

<400> 3238
 ttaagtgtatt aaaggcaatt ttattacagc agcatgtacn ttattctatt ctaaaagaat 60
 aaaattcata aacagaaaaca gcttttatat ttgtttgcaa tctgcaaat tgagttattt 120
 tgctgatata aaatactaag aactcacttg aggaccatgc caccttctga aaaggccaca 180
 caccttcttc ttaaattgtgt taaagttaca gcgtgtccca gactcatcca gagcaaaaata 240
 agtaagcaac tgactgctct tgactgtccc ttccccagca ctagcactga ttgtgctggg 300
 acaagccaca gagcaaggct gcacagcant atgggaggag gctttttatt taaaggcaaa 360
 attcccaana taggctcttt ggggtgtaggg ngatttcttn ctttcacaac ttcaggcttg 420
 gtatattaat tncctttcct cctttaaccg gggcttgatt tgggggttgn cttgttgggg 480
 catgggnatc ccnttaggt 499

<210> 3239
 <211> 338
 <212> DNA
 <213> Homo sapiens

cntcccatnt cgggcctttc cccggtaaan ttcacccact ggtgnttca

469

<210> 3242

<211> 408

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. T89601

<220>

<221> unsure

<222> (1)..(408)

<223> n = a or c or g or t

<400> 3242

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gcaacattta ttgaaactta tattagtcaa gcaacttaat gctaggctaa gctgcagtga 60
gtaataatcc ctaacctcag tgacagtgc gaaaaagaag ggtttcatat ctggagtgtg 120
atgcagggtca atgggagttt ctttcacctg gtgactcagg tatccaggca cattcatttc 180
tgcagggtctg ccttcttgac atgagggtcac tgcagaagga gagagggtnt agagtcatgc 240
cagttcttag ggtgctccct gacaaggaga tcctgcagca ctctgcttca cattcctgtt 300
tttccagaac tcagcccagt acccccacca naacttccca aagagtcttg gggaagcata 360
ggaggagggt caccagatag gcctnggaga tcccctcatc actttttg 408
```

<210> 3243

<211> 494

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. T89703

<220>

<221> unsure

<222> (1)..(494)

<223> n = a or c or g or t

<400> 3243

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gtagaaaaca aaaatggaac atttatnngc aactcaaata ctacgcatat acagtaagaa 60
nttaaatata aacacagcaa gttccacccc agtcctatnt gtccaaggct gcatggtcaa 120
atggaatctt gaagagaaca cctggncaac agagcanctn tcagcgacgt ctccggtctg 180
gacttctgct gcgtcttcgg ccacctctcc ncttgctttt tgggtggacc cgaacaaaac 240
accagtcaac ggtgatgggc tgtcccatca aatcctgggc cattgagtcc ctccatagca 300
gcctggggct tccttgatg tttcatattc agctaggagt ataccctgt cagatattct 360
gttcgcctgt cgagggttgag gatgaatgtt tttaatttcc ccatattctg cggaatttgt 420
cgtgtatgtn ttctgcgna ggcttctca tggacttcca gttacaaaga gantccagnc 480
ttcagcagag cggt 494
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<210> 3244

<211> 331

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. T89731

<220>

<221> unsure

<222> (1)..(331)

<223> n = a or c or g or t

<400> 3244
 attttttgta gagacagggt ctngccatgt caccacgct ggtctcaaac tcacgggctc 60
 aagcaatcct cccatctttg gcccccaaa gtactgagac cacaacatg agccatcttg 120
 cccagccctt agaacgtgtt atcaaataaa caccgatgca accctcactc agccgagaag 180
 taaaacattg ccagccaatc cctaaatgct tctgcttgcc gcttcccaat cctaaccaat 240
 gcctttctct gacaattatg atgggtcatg tctttgcatt tctctaattg ttcccatcac 300
 ggatcaaact aggtttttgt ttgcctcgtg c 331

<210> 3245
 <211> 289
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. T90037

<220>
 <221> unsure
 <222> (1)..(289)
 <223> n = a or c or g or t

<400> 3245
 aaggngttgn gattgcttta aagaaagctt tatttactac atacatccta agaattgtact 60
 gtaaatggag caagatctaa ataaaagctt ttcaaataa aagcagctaa agttaactaa 120
 accactagca atgtttgaaa acagaactct aaaacttttt ttttacattt atatatgtttg 180
 ttcttaacac taaaaaaaaa aaaagttcac atttcaagtt ataaacttac cctcaggtag 240
 gtgtaccatg gaaatgggtt ttggaaacca taggggncca ggtagggccc 289

<210> 3246
 <211> 391
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. T90190

<220>
 <221> unsure
 <222> (1)..(391)
 <223> n = a or c or g or t

<400> 3246
 tantnntcca gctcttttat tgagatcagt ggtggctctg aaaagcgtnt ttnggggtttt 60
 agaagtaggc gttcgctaata ttcttcttg ggcgcgcttc ttaggcttga caaccttggg 120
 cttagcggcc ttggnntcac agccttagca gcacttttg cagctttctt gggcttcgca 180
 accttggcct tctttgggct ctttagcactt tcttggttac agtggccgag gcggctntct 240
 tcgctttctt cggngttttc tttagcgtct tcttcggagt tgcgcgcgca gccgccttc 300
 ttgggcttct tggctncccc aactggcttc ttaggttttg gtccgcccgc cttttnaacc 360
 ntggggcttg gntttccccg gagcttgctt t 391

<210> 3247
 <211> 465
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. T90492

<220>
 <221> unsure
 <222> (1)..(465)

<223> n = a or c or g or t

<400> 3247

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tttttaaagggn nnnaatgtga ctatttttaat tatttttggtg gcagggagtt ggtttttacat 60
caccctaaaaaa aaaaaaaaaa gccctgggtt caaattcatt ggtaataaat atgctaactt 120
tctgaatcaa aatggagagc ctctcaagaa aaagagctat gcagtcagca atgacttaaa 180
ttagtcagga tagcaggcat ctgggggttaa ggctgtttcc accattttgg tctcaccacc 240
atatacgngt gggaccacag ctgtgtagca cttgtttcng tcataagtnt agcagggtctc 300
tgtagcactg tcttcatcac agatattgct ctggggtagc agtaactatc tgattatccc 360
agctccactt ctgtagggnc acatttttta cagaggtcag acaaatgggt acacaaatct 420
ggttcccaaa tgggtnaggt ngggtccaga gntattctcc ccggtt 465
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<210> 3248

<211> 159

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. T90520

<400> 3248

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ttttttttcc attagaagct gaagttttat tataggataa cagtacataa agcacatcta 60
aaattgatgt gttcaatgca cttttaataa aggtaatgta atattaaagg tacagtttct 120
aagtacaata taacaacatt catattagaa tgaaaattg 159
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<210> 3249

<211> 450

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. T90531

<220>

<221> unsure

<222> (1)..(450)

<223> n = a or c or g or t

<400> 3249

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atTTTTcaat aatttagttt ttcttttTgt ctcttttttt tttagtagaa gcaggaacag 60
ttgtcaatac tacctttctgt tgggtccctg ttagacaaca tacctttctt tgaaatgtaa 120
aatgtcaa atataatgac acaactttag aaaaaacaaa ctttgacaac accaacaaca 180
aaaaatccca aaataaacca gagatttcat gccatataaa taaagtcaga gcaaattctg 240
tgcccagggg ctggtggccc cagttccagg gggcggtga tgtccagagc tgggtgtggg 300
ctctcggggg atcctctggg taacagggcg tgatgggagg ccccgctctt cctttcccg 360
cagaggccaa ggtcttttcc caaggtcccc caaggcaggn ttaggtacag ggggttagggg 420
gtgaaccg ggaggcttaa gggtgaggg 450
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<210> 3250

<211> 268

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. T90841

<220>

<221> unsure

<222> (1)..(268)

<223> n = a or c or g or t

<400> 3250
tnnnntataact caatatatttat tgaatacatg gatgagttct tccnccccca tcttccccctg 60
ccctccaactc cccagctcca ccttcacact gcccttacct gccagggggtc tccccccact 120
ggaagcccgc cctccagggt ccccccaagg acctcatagg gagccagggg ggcagggggcg 180
ggggaagtgt cccatagtct acgagccatc ccagccact agctgggagc agggccctgt 240
ccagctccag cccaggggtc gccaggga 268

<210> 3251
<211> 252
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. T91116

<220>
<221> unsure
<222> (1)..(252)
<223> n = a or c or g or t

<400> 3251
ttntttttttt caccaattac aaaaaggctt tattatattt tgccaaatgt taatcgcttt 60
cattatgtct ccaaacatta ttccaccact catttttata acaagtgcag tgaagatatg 120
cttatcgaat attgtacaat actgttgtgt tctgtaacac tctttcggga acagcttaga 180
tgtaggtaac aagagatgcc ngcgtatgaa agngcttcat aaactgtact gtataaatgt 240
aaactactac cc 252

<210> 3252
<211> 271
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. T91161

<220>
<221> unsure
<222> (1)..(271)
<223> n = a or c or g or t

<400> 3252
ttctgacaag aaggctttat aatttccatt tattgtagaa taatatagta ctatcaacat 60
agaaatcatg tgtataccat ttaaaatcat aatttaaag attttcattt tagcaattgt 120
ggctgctggg atattataaa cctgcttaaa tattgataca tagngtttaa aataatatta 180
taattatgca nttttgggga aataaacatt caataccnt aataggtgca tacaattggg 240
agggtgcna ttaataatgg tttccacnac c 271

<210> 3253
<211> 423
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. T91348

<220>
<221> unsure
<222> (1)..(423)
<223> n = a or c or g or t

<400> 3253

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aggaaagtga gttctagagt gatgaattta gtttacaat aaggaagggtg agtcctagag 60
tgattaattt gctcaaaaat gcacagagaa aacattagga ttagaaccga gatcaattga 120
acctagtcga gtcctctttc taccttggca tgttgctgtg ggaagaacac atggacagta 180
gtccagggtc atacctctgt aaatggggag acagcctagc cttagcgtttt aagatcacac 240
actctgaaat cacctgggct gcacctccag ggatatgtga cttgccaacc aaattattta 300
agtcctcgga tgcctgtttc ctctttgtta aactggggga ttaattaata attaatctcc 360
tccatcttna aaaattgggg ggcccgggca tggtnggctt catacctgtt aatccccgga 420
tac 423

```

<210> 3254

<211> 283

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. T92935

<220>

<221> unsure

<222> (1)..(283)

<223> n = a or c or g or t

<400> 3254

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caattgctgt nctggtagat ggttcttctt cagaaagtgg ttcttcttta atgtgtttct 60
ttttaccctt tttcttcttc ttcttcacag atgttcttct ttcttctgct acttttcttt 120
cttctctctt ttcaacttta actttaatct tggctttttt ggctttcttt tcagtaattt 180
catctctctt atctacctgt tctattttgc gttttttaga acagggttga agtgtggagt 240
caccagaagg atcgtaagtc ttcacttcac ttttgtgttc ata 283

```

<210> 3255

<211> 270

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. T92950

<220>

<221> unsure

<222> (1)..(270)

<223> n = a or c or g or t

<400> 3255

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cttctctcatt cattagncaa gattacagac taggatatag caacctatta ttcaagaaca 60
gctttttaag gtagctgctt cagactggca cttcgggaaa actttgaaag tagacttctt 120
ttttttttta atgcttattt taactataga ttggtgataa cgattcaacc ccagagatcc 180
agctaactgt tggcacagaa atccttaacg ctactctcaa gcaaataaga tcttgaagga 240
ggaaactcct gcaaaatata ccttgtgaac 270

```

<210> 3256

<211> 308

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. T94452

<220>

<221> unsure

<222> (1)..(308)

<223> n = a or c or g or t

<400> 3256
ctgtcacttc tactgtcaag atgggttgaga gttgacagtt tgtctagaag aaggctgata 60
tatgtcaaca tggtcagcaa aggattttaa tatgggtctt tgaataataa atagctaata 120
attgagttta ttaaaatgaa tttttgtata atttaggcag ttgaaggctt agaacagcct 180
gcgttccttt ctatggcagc ttgctatgaa attcatgttt caaacaaaac aatacttttt 240
catgcatagg ataaattata aatgtactga ccnggcccat tctatatggt taattctnac 300
gganttta 308

<210> 3257

<211> 424

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. T94862

<220>

<221> unsure

<222> (1)..(424)

<223> n = a or c or g or t

<400> 3257
cacttggatt ataatccatc ctccaacaca cacacaaata agcagctaata ggcaatgcta 60
gtggtcttcc caattcacaa gacctgtgct tcaaattggt ttcttgataa tgtggagaaa 120
tctgctcttt atgtattctc aagaaacagg atgtgaaaag ctggtatggg tatacaagat 180
aaaaatgcct acccagagtg ggcagaagct ctaaatatta ctggtttgct aaaagtttca 240
gatgcttttt agttctacat ttgttagttc tacctttaac ctctctacca ctcaacgaac 300
catcaagaaa caaaatctac tccctatggt aacagtaaag gtcaccccag acttaacctt 360
ccaaaagggg gtttttactt ttaaagggna cagctttcac aggccactgc ttttccatag 420
gggg 424

<210> 3258

<211> 419

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. T95057

<220>

<221> unsure

<222> (1)..(419)

<223> n = a or c or g or t

<400> 3258
nttnaattca nntnccaat taaanctttc cttttttttt atgaaaaaag accacacaga 60
atgtgccaac aaacaaaatt ccaaaagaaa cataaaaaaa aaaaaccaat aattcccca 120
aaaaacaaac ccaaagtctg gctttncctt ccctcaagat tgtctggttg aggccttggn 180
ttcccttgaa ggcttggggc ctgggttaag tgctttctgg ggccaagca gggaccctgg 240
gcttggggcg ctctgcctc tccctcttct ctccctaaca aacacttctc tatcctgggg 300
ggtagagaca gtacacttgg cgggggtgggc ggggggnttt gctggggant gggangcgg 360
ntgaagccgt agnctaggac actataaatc ttaacaggga aattaaaaan ttaatattt 419

<210> 3259

<211> 365

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. T95064

<220>
 <221> unsure
 <222> (1)..(365)
 <223> n = a or c or g or t

<400> 3259
 ttgcaaataa cagtgtttat tgatgatgag tccaggtggt agaggctaca gtgagctgtg 60
 atcatgccac tgcattccag cctgagtgc agagccagac cctgtctcaa aaacaaacaa 120
 acaaacaaaa aaaagntcac tcagggagca cttaggggcc actgaagagt gccggagagg 180
 antcagatta ccaggtagga gctgctgcgt actccaggca ggagtnttac atgaaagtga 240
 ctgaaccaag gcagttntcc tgagcacggg agagtggaag caggctgaaa catcactgct 300
 taggtntgaa atctntaaaa cctttgggct aatatgtagg attgaggagg ggaagggtgc 360
 ccaac 365

<210> 3260
 <211> 454
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. T95515

<220>
 <221> unsure
 <222> (1)..(454)
 <223> n = a or c or g or t

<400> 3260
 agaacttttg agtaaaaatn gtctctgttt ccaagacgtg tgagatgtct gaactctgag 60
 atgggtgtttc atctccaccc gatttcacca aaggggtgtc aatatcttta aagaactgat 120
 cttcagtagg aattgggtgag gtggcaagggt aagcagggaag cttttcatat tcttcttcag 180
 tctcctcaac aaagaaagct tctccgttat cacccaactt catgtgaaga tccactgcac 240
 tgccgttgat ttctatatca atcactttct ctttgggatac tcagggactc ccagctttcc 300
 caaacccgaa cgtggaaaag ggtgaacact ggatagcctg cccatcctgc tgctgtaccc 360
 acggatggac atcaaatgca cccagagagg ggtggcctgg ggtaaatgcc cttgtaggag 420
 ttccttcaca gtgacaatca ccttgcccag ccan 454

<210> 3261
 <211> 257
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. T95813

<220>
 <221> unsure
 <222> (1)..(248)
 <223> n = a or c or g or t

<400> 3261
 antttcggca cngaaccctt gcggtgcacg nctccctgga caagttcctg gcttctgtga 60
 gcaccgtgct gacctcccta cccctccttc taactttatt gctgtattct cttcactcta 120
 tatttctctc tatttgctaa tattgcattg ctgttacaat aaaaattcaa taaagattta 180
 gtgggttaagt gcaaaaaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa 240
 aaanaaaaaa aaaaaaa 257

<210> 3262
 <211> 169
 <212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. T96060

<220>

<221> unsure

<222> (1)..(169)

<223> n = a or c or g or t

<400> 3262

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ttcacaaagg tttattgggt ccctgcctgg tgctggtttg ggtagtcac tgtagaggat 60
ccatctgggc cagcctggga ggggcaggtc tggagtcna ggcagacacg aaaccggggg 120
tgacaccagg ggctttggag gctgccatgc tgaggacagc tctgggagg 169
```

<210> 3263

<211> 396

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. T96969

<220>

<221> unsure

<222> (1)..(396)

<223> n = a or c or g or t

<400> 3263

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taggtgagtt tattaggact taacatacag ggcattccta ggtggtagca ggacaactct 60
ggaaatttgc cccacacacc cccttaccac acccatcttc aagctgcttt taagctaatt 120
ttctggcttt tcttctctgt gtgtgatgag tgtttttctt ggtatgtccc caggtagctt 180
cccaaagtgt tgtgttctca gggaacacag cacatgggtg tccttggctg agcaccatga 240
ccttggctca ccacccagtc ttcagggctc aagcagtgga catacaccct taagtaacct 300
gggtngagaa cccgtcgcgt tacacttggg gttacagact ccagtgtctg ttaccatctt 360
cacatggctt tcttctctgt gattctcctn ttctct 396
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<210> 3264

<211> 325

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. T97234

<220>

<221> unsure

<222> (1)..(325)

<223> n = a or c or g or t

<400> 3264

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tgttggccag ggtggtcttt atcttctgac ctcatgatct gccgcctca gcctcccaag 60
gtgctgggat tacaggcgtg cacctgcacc cagccttggt atttattttc tagattttgc 120
tagtgtctag gaatagtctt gattgttccc ttcattctggc tcattgatcg gcagtcagct 180
cctgggaatt ccttaaaact gcgtcacttc cactctcgga tcctcttgct ttgggttctc 240
tgggggtctt ttctctcatt tttctcatcc tggggatggg tgtcaaacag agggcttggt 300
cctgggggtt cagggaagga gggan 325
```

<210> 3265

<211> 242

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. T97679

<220>

<221> unsure

<222> (1)..(242)

<223> n = a or c or g or t

<400> 3265

```
tatgggttatt caatatattc atttatttga caattattta ttcatttgac aattattcaa 60
tgtttactgc ataagcaaaa aactgaataa gacgggttttc tgcttttata aaacttacag 120
ttaagtagaa gggacactgc ataagaagta acatggggaga aggctcaagt gttgacaact 180
gtgatgaaga gagatggagg nccngaagga aattcaactg tggccgagag gcaactaaaa 240
gg                                                                 242
```

<210> 3266

<211> 414

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. T98199

<220>

<221> unsure

<222> (1)..(414)

<223> n = a or c or g or t

<400> 3266

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ttttttnttt ttttttttaa gctaagacct ttattaaaat tttgtcctct ggccagtcgt 60
ggnggctcan gcnataatcc caacactttg ggagggcaag gtggaaggat tgcttgancc 120
caggnattca agaccagcct gggaaacaaa gggtagaccc tgggnataaa aaattagcta 180
ggcgtggtgg cacacctggt cggctctcagc tactcaggag gctgaggtgg gaggatcact 240
tgagcccagg gaggttgagg ctgcagtacg tcacgcacac acccctacca ggggaattatc 300
agtctttntt tgggatttcc acancttcga aagattttcc ccaactgttt tntcagtgtc 360
ccacagtncc ctaggatctt ngaccctcaa attnaaggnt ttaaccaant gccc          414
```

<210> 3267

<211> 471

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. T98284

<220>

<221> unsure

<222> (1)..(471)

<223> n = a or c or g or t

<400> 3267

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tccagnggga taaaggactg tgtggggaaa gtaccaaata aatgaggtaa aaaggaaggg 60
tcatacaaag agggcactac accagcttct tggcctcaaa gaagctcttg aggtgacgca 120
tctgccagat gccagtgagg atgaggatga cagtctgagc aatggaccac cataggaccc 180
tctggttggt gctctcgctc gtcagtcgga agcgctcttc acgatacctt tgggtaatcc 240
tgctccttct gaatctgttc cacctgatca agcaactggg cggngcgcgg actgttagct 300
ccnccagct ttatcttttg caggcaatct caggggtagg ttnttgggca tgctccccaa 360
cctggggatn tcgagattgc acacgcagtt ttnccacca gcgaggagag ccatnctggg 420
tagnatttgg agtncagaca gnttttnatg ggtcaccggg ccttttgggg a          471
```

<210> 3268
 <211> 287
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. T98676

<400> 3268
 taacatttat tgcttctttt ggggttagca agttgtaagc ctcattagat gcatacacta 60
 agaaatggaa ttgattagac tcgaccgtag gaatggatca aactatgtac tcttcttggt 120
 ccaagtttcc tccaaaagta gtagttattt tgtttttctt catccttgta cagatacatt 180
 tagtagagct taccacatag ccttccccta acaaattccc aaagacgtcc cacagccccc 240
 ttatggtaat gaggggtccaa tcaatgatca attaggccat gctaggt 287

<210> 3269
 <211> 520
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. T99312

<220>
 <221> unsure
 <222> (1)..(520)
 <223> n = a or c or g or t

<400> 3269
 gnnnttttta tgttggtcatt gctttattac tcatagtttc caagcaatat tacatatata 60
 aaagtcattt taaaaacaac caggnttgct agaaaagtgt ttttcttggt aatcatggat 120
 ttctacacca tttataacct gngtccttta tattaaatat attattttacg caggcactag 180
 gcaaaattga agaagttttg agttatctcc tccataaccc ccaccttccc acattcccac 240
 aaaaaaatcc caccctttcc ctattatatg ggggntatta acattaaaaa caanggggga 300
 aatacacagg ggcattttcaa tttggaatca cttttccctt attttttaca tgtctgggga 360
 ggagttgggg cttggggnta tgggnatttc caaagggttc ctccccaggg gggttccttg 420
 atggatggga ttcaaggggg ggnaatcctt tccaatggct atccctcttt ccccagggna 480
 atttcctggt anggtcctta ggggtttccg tggacagggg 520

<210> 3270
 <211> 379
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. T99636

<220>
 <221> unsure
 <222> (1)..(379)
 <223> n = a or c or g or t

<400> 3270
 gctcggcgtg ggggtgtgtg tgatgctgag tttggccacg catctccctg ggtagagagac 60
 tgcacagtgt cctcgccctg gactgccacg gggactcggg aggctggaga gcatcagggg 120
 tcgtcacgaa caccatgagg tcaaagggca ttcttggttt gaagtacttg ggtgtcttg 180
 tgaagtggat ctggtagggg gaggtcacga tggggatccc gctgcgctct gcctgcacca 240
 tgtcactgcc tgagtgaag atgacgggtg cagacacgta caaagacttc cccaccaggg 300
 cttcttctcg ggggttctnc anccentcca ncagtacctt tcgggtcagc acaaccttcc 360
 ccgagccatn ctnaatcgg 379

<210> 3271
 <211> 3536
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. U00115

<400> 3271
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 agtaaaaatc tcggagagct gacaccaagt cctcccctgc cacgtagcag tggtaaagtc 180
 cgaagctcaa attccgagaa ttgagctctg ttgattctta gaactggggg tcttagaagt 240
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 gtgaagcaag gcattggtga agacaaaatg gcctcgccgg ctgacagctg tatccagttc 360
 acccgccatg ccagtgatgt tcttctcaac cttaatcgtc tccggagtcg agacatcttg 420
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 gcctgcagtg gcctgttcta tagcatcttt acagaccagt tgaaatgcaa ccttagtggtg 540
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 tcagcaaaaa gcaaaatcat tttatatgtc aaagcagggg agtatgcaaa agttctgact 2760
 tgactttagt ctgcaaaatg aggaatgtat atgttttgtg ggaacagatg tttcttttgt 2820
 atgtaaagt gcattctttt aaaagacaag acttcagtat gttgtcaaa agagggttt 2880
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 aaaggctcga ttttgtatct gcaggcagac acggatctga gaatctttat tgagaaagag 3060

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aaaaaaaaacc	caaagaaccc	aaaaatctgc	agaaggaaaa	atgtgttaatt	ttgttctagt	3240
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gttgttacta	actaaactct	ctttgggaat	gtttgtctca	tcccattctg	cgtcagtgtt	3420
gtgtgataac	tactccggag	acagggtttg	gctgtgtcta	aactgcatta	ccgcgttgta	3480
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<210> 3272

<211> 8833

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. U01062

<400> 3272

cgccccccac	gccctggggc	ccggagggcc	gcagccatga	gtgaaatgtc	cagctttctt	60
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ttggggctgg	tggatgaccg	ctgtgtgggtg	gagcccgcg	ccggggacct	ggacaacccc	180
cctaagaagt	tccgtgactg	cctcttcaag	gtgtgcccc	tgaaccgcta	ctcgggccag	240
aagcagtact	ggaaggccaa	gcagactaag	caggacaagg	agaagatcgc	tgatgtgggtg	300
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<212> DNA

<213> Homo sapiens

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<223> n = a or c or g or t

<400> 3282

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<211> 2566

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<213> Homo sapiens

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<223> Genbank Accession No. U04313

<400> 3283

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<212> DNA

<213> Homo sapiens

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<223> Genbank Accession No. U05861

<400> 3284

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<211> 2214

<212> DNA

<213> Homo sapiens

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<223> Genbank Accession No. U05875

<400> 3285

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<211> 1987

<212> DNA

<213> Homo sapiens

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<223> Genbank Accession No. U06863

③

1401-1980

<400> 3287

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<211> 3345

<212> DNA

<213> Homo sapiens

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<223> Genbank Accession No. U07969

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<223> Genbank Accession No. U08006

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<212> DNA

<213> Homo sapiens

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 <212> DNA
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<220>
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<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. U11861

<400> 3297

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<211> 700

<212> DNA

<213> Homo sapiens

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<223> Genbank Accession No. U12404

<400> 3298

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<220>
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 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. U12778

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<211> 1232

<212> DNA

<213> Homo sapiens

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<223> Genbank Accession No. U13061

<400> 3301

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<211> 507

<212> DNA

<213> Homo sapiens

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<223> Genbank Accession No. U14968

<400> 3302

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 <212> DNA
 <213> Homo sapiens

<220>
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<220>
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 <213> Homo sapiens

<220>
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<220>
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 <212> DNA
 <213> Homo sapiens

<220>
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<220>
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 <211> 2470
 <212> DNA
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<220>
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<212> DNA

<213> Homo sapiens

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<223> Genbank Accession No. U24704

<400> 3331

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<212> DNA

<213> Homo sapiens

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<223> Genbank Accession No. U25182

<400> 3332

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<211> 562

<212> DNA

<213> Homo sapiens

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<223> Genbank Accession No. U25789

<400> 3333

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<211> 1902

<212> DNA

<213> Homo sapiens

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<223> Genbank Accession No. U26173

<400> 3334

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<210> 3335

<211> 1897

<212> DNA

<213> Homo sapiens

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<223> Genbank Accession No. U26726

<400> 3335

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<212> DNA

<213> Homo sapiens

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<223> Genbank Accession No. U26727

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<212> DNA

<213> Homo sapiens

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<223> Genbank Accession No. U27328

<400> 3337

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<213> Homo sapiens

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<223> n = a or c or g or t

<400> 3361

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<212> DNA

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<213> Homo sapiens

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<212> DNA

<213> Homo sapiens

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<223> Genbank Accession No. U51333

<400> 3382

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<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. U51477

<400> 3383

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<223> Genbank Accession No. U51478

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Variable	Mean	SD	Min	Max
Age	34.5	10.2	18	65
Gender	0.5	0.5	0	1
Marital Status	0.3	0.5	0	1
Education	12.5	1.5	9	16
Income	3500	1500	1000	8000
Health Status	0.7	0.4	0	1
Exercise Frequency	2.5	1.5	0	5
Stress Level	4.5	1.5	1	7
Sleep Quality	3.5	1.5	1	6
Dietary Habits	2.5	1.5	0	5
Work-Life Balance	3.5	1.5	1	6
Family Support	4.5	1.5	1	7
Community Involvement	2.5	1.5	0	5
Personal Growth	3.5	1.5	1	6
Life Satisfaction	4.5	1.5	1	7
Overall Well-being	3.5	1.5	1	6

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<211> 2010

(212) DNA

<212> DNA

<213> Homo sapiens

<223> Genbank Accession No. U59321

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<211> 1990

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. U59423

<400> 3398

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<211> 1404

<212> DNA

<213> Homo sapiens

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<223> Genbank Accession No. U60061

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<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. U60205

<400> 3400

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<211> 464

<212> DNA

<213> Homo sapiens

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<223> Genbank Accession No. U62389

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<221> unsure

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<400> 3401

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<212> DNA

<213> Homo sapiens

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<211> 1510

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. U62962

<400> 3403

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<212> DNA

<213> Homo sapiens

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<223> Genbank Accession No. U65932

<400> 3404

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<220>
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<213> Homo sapiens

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<220>
<223> Genbank Accession No. U79266

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 <213> Homo sapiens

<220>
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<220>
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gaaagcagcc agctcatccc agtgactcac aggacacagc catccagcgg catctttcct 2220
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2302

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<210> 3449
 <211> 570
 <212> DNA
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<220>
 <223> Genbank Accession No. U86409

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acggtgcagc tgggtgggcat tatcaaggcc acctacgcct gcttccttcg gggcaatgca 480
gagatgatct tcatgtccct ctactccctc ctctatatgt ccagccttct gccggccaag 540
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570

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<210> 3450
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 <212> DNA
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<220>
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<210> 3451

<211> 960

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. U89606

<400> 3451

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<210> 3452

<211> 1512

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. U90426

<400> 3452

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<211> 2281
<212> DNA
<213> Homo sapiens

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<220>
<223> Genbank Accession No. U90544

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2281

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<210> 3454
<211> 1795

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<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. U90545

<400> 3454

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<211> 1991
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. U90549

<400> 3455

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<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. U90904

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<211> 1303
<212> DNA
<213> Homo sapiens

<220>
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agacatcacc aatttgataa ggtatcatta agcaatcatc atctgcaagc atgatgtcat 300
cacaagcatc ttctaggttt tggagttgtt tcttttttac ttctatttct tccttcagct 360
ct 362

<210> 3469
<211> 228
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. W04550

<400> 3469
tttttttttt tttttttttt tttttttttt tttagaaaaa caagttttct atttatttaa 60
aaataagttt gtagttacta cattgcaggg acaggatttc ttacacatac attctagttt 120
gtataaaagg attcaaagaa ttatgcatca aaactaacat agaaagtgtc cacgtaacag 180
taaagaaagg tccaatcagt atgtacaaaa agaaagggca ctgctatt 228

<210> 3470
<211> 526
<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. W07723

<220>

<221> unsure

<222> (1)..(526)

<223> n = a or c or g or t

<400> 3470

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gggagaacgc catcagctca ctgcttaaaa nnanaccaca ggactnatta tgggtcgact 60
tgatgggaaa gtcacatcc tgacggccgc tgctcagggg attggccaag cagctgcctt 120
agcttttgca agagaagggtg ccaaagtcac agccacagac attaatagagt ccaaacttca 180
ggaactggaa aagtaccccg ggtattcaaa ctcgtgtcct tgatgtcaca aagaagaaac 240
aaattgatca gtttgccaat gaagttgaga gacttgatgt tctctttaat gttgctggtt 300
ttgtccatca tggaactgtc ctggattgtg aggagaaaga ctgggacttc tcgatgaatc 360
tcaatgtgcg cacatggtac ctgatgatca aggcattcct tcctaaaatg cttgctcaga 420
aatctggcaa tattatcaac atgtcttctg tgggcttcca gcgtcaaagg agttgtgaac 480
agatgtgtgt acagcacaac caaggcagcc gtgattggcc tcacan 526
```

<210> 3471

<211> 351

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. W15275

<400> 3471

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ttttttttaga tgagaattta agcttttatt aataaatcat gattttctat tgaatacata 60
ataaagtaca attaacaata acataacatt acaacattaa aaattaaaac tttcagaatc 120
accttgatca atatataaag ctttagttcc ttatttcaac agtgttcttc tcatatgcaa 180
aacagcttcc caaaataaga gattcgtgaa tgaaatttta taaagcttcc tgtgtaccaa 240
agagattgac tccacatcaa ctgtccccta ctgaaaatcc aaaccatata ggcttgaagg 300
accagaactg agccacattc tattaaagtt atcaaagata aaatcttaaa g 351
```

<210> 3472

<211> 445

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. W15417

<220>

<221> unsure

<222> (1)..(445)

<223> n = a or c or g or t

<400> 3472

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tttttttctg ctttttatta ttctttattg gtcctaccaa tgtgactctt taccagggcc 60
cactgttcct atgcgcactg gctttgtagg cattcacatc atatgtctgt gtcctgaaaa 120
tctcaattaa tttctccttc ctattccttt tccatgctct gcctcatttt ctcagaaatt 180
gaaggcattt gattattatt ttnttgtttg ggtctgtgta aagggttcctt ggcaggagaa 240
catgcatatg actttaaaat aaagaccaac attctgacac taaggtaatg cacagaaaaa 300
atacagtact cagacatcat tgcaaataaa taccatac agatgaagtt atctcaaagt 360
taacaatatt tcttatgaat caacactgta acggaagggt aaaaatagga gtccctacaa 420
ctaggaataa gaaatggctt attcc 445
```

<210> 3473

<211> 435
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. W15495

<220>
<221> unsure
<222> (1)..(435)
<223> n = a or c or g or t

<400> 3473
tttttttttt tgaaagggtta aaaataacat tctttttaata agtttaaact tttagagaaa 60
agagaaatat actgagaaag acccatataa ctgcttcaac aaagaaaaca acttcttcat 120
tatcttcata ctttacttca tattacaaat tttgtgctac tgtttagatga tatattaatt 180
ttattttcat tacataaatt gaggaagaaa tgcagaatca gattcaaata tattacaagg 240
catttaaggag aggtgtgtcc tgttgctgaa cagtaaatta tctgaaaatc tacttttttn 300
ttttttggag atgggtctcat tctgtcacac agctggagtg cagtgtcgtg atctcggctc 360
actgcagcct ccacctcctg ggttcaagca attctcatgc cttagcctcc caagtagctg 420
aggcaagaga aacac 435

<210> 3474
<211> 414
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. W15528

<400> 3474
ttttttctgt tttaaagttt cctttatttc tttagatcct tatgaaacat tccatcgttt 60
gcagatcata gtgcttttatt aacaaattca tgtgttcttt tcccatccct ttaatacaaa 120
aaaattattc atcagttatt ttcactctgac atttcactaa gtacagaatg cataatgtca 180
acattattag atcagccatt caagtgggtc acataagttt atcctcattg tgccaaatac 240
ccactcaaag gataagctga ataacagatg cctccagggt tatacaacaa ccttagtttc 300
ttgacttgaa ctagtcctgt ttaacagggt aaactggcta agtctttcta agtaaaactaa 360
aaaagactca agtacacagc tgtacatata tatcatcaga tgggtaagtt catt 414

<210> 3475
<211> 501
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. W16686

<220>
<221> unsure
<222> (1)..(501)
<223> n = a or c or g or t

<400> 3475
ggatttttta aagctttttct gttcacccctc ctgccagnaa aatcccagaa agcttaatga 60
tacccecaaaa tgattacacc cagggaggaa aaaaaggagc gctttctagg gtcagaatcg 120
tggagagaaat actcagaaat gaacctcttt aaagccttgc aggaatgagt cactcttact 180
taatgaaatg ttaaagccaa ttaaaaagca tgctgtgatg cccagcttcc ctttccacag 240
ggtgcatgcg tctcctgctg gtgaatcaca tgcggcaaga ggcaactggc tccacagcct 300
gggatgctgc cgtaccaaga ggaaagaagc agcaaaatgc ctttacgttg tctaaacccc 360
cgacgcataa agtgtagagg agggatggcc aagggtgggt ggtagaaagt gtgttcaggc 420
tgacactggc aatgagtaca gataattnac ttntctctcta ggggcaaagn tgatggctct 480

acttttgtanc aggagaactn c

501

<210> 3476

<211> 698

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. W20094

<220>

<221> unsure

<222> (1) .. (698)

<223> n = a or c or g or t

<400> 3476

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gctcttgaac ccagaaggcg aaggttgagc tgagccgaga tcatgccatt gtactctagc 60
ctgggtgacg ggagcaagac tccgtctcaa aaaaaaaaaa aaaaaaaaaa agaagtagag 120
acagggagac ggggtctcac tgtgttgcc aggccggtct tgaactcctg ggctcaagtg 180
attctccac cttgacctcc taaattgttg ggattacagg tgtgagacag tgcacctggc 240
cgaaatagct caagtttctg aaaaacaaat ctgaatctat ttgttattct tagcgctact 300
ggctctggctt tcagaattaa catacaaggc tgccacacct agttctggcc cagctttatg 360
gtcttttatt ccagtattcc accaaagttt gtttttcttg cattccagtt ctcaagtctt 420
aaggataaag atngtacttg acagtttagt atatccataa aactatttga aggtgggtta 480
ggttccttgg gttcaatttt ccttaaaact ttgcctgaat atnggaagat tgtagggcaa 540
tgaaaaggct tactaaatta ggaaaacctt gaaataaatt agggatccna ggtaagagcc 600
cctaaacatc aagcaatctg ggagtctgta agaaatnaat attttttggg taatcctaac 660
naatccaccc ngttggaagn ggatccttgc ccttgcaa 698
```

<210> 3477

<211> 232

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. W20276

<400> 3477

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gttaactgtc accttccact cagggcctct gctctatata tattcccttc cagccagact 60
ggaagatggg ggcttccctt acccctgagg atgaggacaa gccctcggca gttcagcggt 120
ccgtgcttct ccttggggca gctctctctt gagccctcac ctgttttctt ctgtgaagcg 180
agaatgtctg aaaataaata ggaccatggc aaaaaaaaaa aaaaaaaaaa tt 232
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<210> 3478

<211> 243

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. W20391

<220>

<221> unsure

<222> (1) .. (243)

<223> n = a or c or g or t

<400> 3478

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naaaaaaaaa ccaaactatt ctttatttga tagccctggg acatgggtgcc ctccacccaa 60
taaagcacc tccagcaacc ctcccacccc tcacccgata catagacata gggacacaca 120
cacacacaca cacacacaca cacacacaca cacacacaca cagatctgga tccgtcttca 180
cttcctgttg gcctgagcag taccaataac acactgggtc accttgggaag gcaaagcgta 240
```

gaa

243

<210> 3479
<211> 187
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. W20467

<400> 3479
gtttttttttt gagtcaaggt ctaactctgt catccaggct ggattgcagt gacctcagtt 60
tagctcattg cagcttcgaa ctttggggct caagccatcc ttacacctca gcctctgagt 120
agctgagacg acagatgagt gtcacacat ccagctgttt tttgtttgct tgttgttttt 180
tgtttgt 187

<210> 3480
<211> 435
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. W21426

<220>
<221> unsure
<222> (1)..(435)
<223> n = a or c or g or t

<400> 3480
accaaggtgg gccatgcggt gtttgggtctt atacctgatg aagaaatggc aacagctgac 60
agaaatgggt acagctcatc aaaaatgtgc agcaccggca gagggaagat acggggcaaa 120
tgtgcttcct gatgcttcca tggggatgtg ccttgggtgt catctgcttg tcaggaagag 180
tcacattgct gcttaacatg ctggattgcc ctagtctttg cccnagcctt cagaatgggtc 240
ctgagaaaaac atcactactt cgatgttcta ctttgctttc caaggagcaa aaataacttt 300
ggagccttct gggaagtgtg cctgggattc ttcagttggt ttcaggcaga tagttgagac 360
tgggggcttt gatattcaag gtctttggca agaatccag gcttgaccaa ctgggtaccc 420
aggtcaaaga ttttt 435

<210> 3481
<211> 606
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. W26716

<220>
<221> unsure
<222> (1)..(606)
<223> n = a or c or g or t

<400> 3481
tnnnncagcc gggaggatag caggatagac gctatgactg aggctgatgt gaatccaaag 60
gcctatcccc ttgccgatgc ccacctcacc aagaagctac tggacctcgt tcagcagtca 120
tgtaactata agcagcttcg gaaaggagcc aatgaggcca ccaaaaccct caacaggggc 180
atctctgagt tcatcgtgat ggntgcagac gccagaccac tggagatcat tctgcacctg 240
ccgntgggtg gtgaagacaa gaatgtgcc tacgtgtttt ngggctccaa gcaggccctg 300
gggagagnct gtnggggtctc caggnetgtc atcggctgtt cnttcaacat caaagaaggg 360
tcgcagggtt aaaacaggag atccaatcca ttcaggaggc cattgaaagg ntcttaggct 420
taacctgtgg ggctctncan gttntccctn ccagttcccc ccagagnnga ttcaanttgg 480

gnttaccagg ttaattntta aannnnnnnn nnnnnnnnt nnttntna nnnnnnnnn 540
 nnnnnnnngn tttttttnat nnnnnnnnt nnnnnntnt ttttnnnnn nntnntnnn 600
 nnnntt 606

<210> 3482
 <211> 617
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. W26769

<220>
 <221> unsure
 <222> (1)..(617)
 <223> n = a or c or g or t

<400> 3482
 tnnnatntag ctcggnctta nccaggcnna ncntgttcaa tagnnntanc taggggtgntg 60
 tcagtcagaa gagtgaatca ggtngaaagg gttnnanagaa gttgcctaga gtttggtaat 120
 tnaaaagaaa aagatntnct tgtnnngccc cnngacctga ccgacactgg tccccatgaa 180
 gcggttacca aagctgttct ccaggagttn ggtagaatcg acattctggg caacaatggg 240
 ggaatgtccc agcgttctct gtgcatggat accagcttgg atgtctacag aaagctaata 300
 gagcttaact acttagggac ggggtccttg acaaaatgtg tntgcctca catgatcgag 360
 aggaagcaag gaaagattgn tactgtgaat tagcatcccg ggtnntcaat attcttgtag 420
 ctcttnccaa ttgggattct gtgctaagca ngcaatccnc tcccgggggt ttntntggg 480
 ccnccnaaca gaaattgnca aaattccnn gntnttatag tttcttacia tngcccngga 540
 ncctttnaan ccaatttttg nggggattcc nntnggcntt accnggttna cttgccaaan 600
 nnnnnnttc ccccng 617

<210> 3483
 <211> 585
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. W26996

<220>
 <221> unsure
 <222> (1)..(585)
 <223> n = a or c or g or t

<400> 3483
 ncctcnntnn nnttntnnnn tcgctnttgg aggtgccgaa gacccttctt gcctactcct 60
 cactgccagc tgggacctag gctcagtcct gtgtgggtgcc catgatcctt ctgggtggggg 120
 aagagtttaa gttatagggc atttggtctca aatttttaaaa ggcctttngt ttacctatat 180
 ttctggaggc tctgtattc tagaacccaa tctctcacct gcttggnnga aaggntcata 240
 tttttggggn ccttcctat agattctgta gnattngagt gtggaaatat ttttaattgtg 300
 tntagatttc taagaaccaa cactactcag tctcctgcta gtctgactcc tgaagcatca 360
 gcccttgtca tactgtattg actgtgtacc gtgcctttca ccttgagcat gcttcaggat 420
 tttttttaa ccacagaact tgaatacatg aggggaaccag agttcaaagt cctatgaacc 480
 cttaggaggg ggtagagag tcttttttgg gttgatgttt cttganggcc ctagaggngt 540
 tgggttcaat tagggagtng attcaanttg gggtaccagt gatng 585

<210> 3484
 <211> 639
 <212> DNA
 <213> Homo sapiens

<220>

<223> Genbank Accession No. W27023

<220>

<221> unsure

<222> (1)..(639)

<223> n = a or c or g or t

<400> 3484

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ncnnnnnnntn gtnggnctcg cccaaacgaa gtctgccgtc tcctctgctg cacaactgca 60
gcaggactga ngtcacctga cgtcttcttg gtgtggaaac ggggtatttca tgtctcaggg 120
agtaggtttg tgcagttaca gcttttctgt tggatgcat aattaataat tggagctgca 180
aagcagatcg tgacaagaga tggacggtca gaagaaaaat tggaggaca aggttggtga 240
cctcctgtac tggagagaca ttaagaagac tggagtgggtg tttggtgcca gcctattcct 300
gctgctttca ttgacagtat tcagcattgt gagcgtaca gnctacattg ccttggncct 360
gctctctgtg accatcagct ttaggatata caaggggtgtg atccaagcta tccagaaatc 420
aagatgaagg ccacccattc agggcatatc tggnatctga agtgntattt cttaggagtgt 480
ggtcanaagt caagaatctg tctgggcang tgaactgacg ataaaggacn cagcgccct 540
tcttggnggg antngatcaa ntgncgtttn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 600
nnnnnnnnnn cnnnnnnnnn nnnnnnnncn nnnnnnnnnn 639
```

<210> 3485

<211> 590

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. W27503

<220>

<221> unsure

<222> (1)..(590)

<223> n = a or c or g or t

<400> 3485

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ttttntcatc tgggtctcact tcacagaaag ctccccggga gccattagcc ttcagtgaag 60
acaggaggca agccatcatg cttttggcca cacttgggtc agttactttt ttgtgaatgt 120
ccatctttat cagagaaggg aaattagcaa ggaaagtctt tggcagtact tcctgttctt 180
catggaaact caacattatt ttctcagcct cagagagttc cttgtcacca ttgtgggctt 240
tgagagagcc ctaaagcatt gtacctagtgt gtacctagtgt acttccaacc aaagcctttg 300
agtatgcact aaataggtga gaagaaagga gagaagggtt ttaggttaga aaccctttaa 360
cccatagaa ggatatggtt ttttggtaaa gcttggancc aagtttgnat ttttnggagg 420
gcttggagat gaaggggaagn ttcttaccag ntngtaagan agttgagtn agttgagtn 480
tttngtcttn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 540
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 590
```

<210> 3486

<211> 839

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. W28235

<220>

<221> unsure

<222> (1)..(839)

<223> n = a or c or g or t

<400> 3486

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gnnnnnnngnn nnnnnnnnnnt tnttgagnac cgcagtngca gcagcagcag ccgctgncgc 60
aaacaagccc tcccacgttt gaggggagtc atgagccgtt tcctgaatgt gtaagaagt 120
```

tggtgtggtta	tggtgtccat	catagccatg	gggaacacgc	tgcagagctt	ccgagaccac	180
acttttctct	atgaaaagct	ctacactggc	aagccaaacc	ttgtgaatgg	cctccaagct	240
cggacctttg	ggatctggac	gctgctctca	tcagtgatcc	gctgcctctg	tgccattgac	300
attcacaaca	agacgctcta	tcacatcaca	ctctggacct	tcctccttgc	cctggggcat	360
ttcctctctg	agttgtttgt	cttatggaac	tgcagctccc	acgattggng	tcctgggcanc	420
cctgatgggtg	gnaagtttct	ccatcctggg	tattgtggtc	ggctccngta	ttttagaagt	480
agaaccagtt	ccagacagaa	gaagagaact	gaggcagaat	atcaacccca	gggtggatca	540
antgggttac	aagtggttna	aaannnnnnn	nnnnnnnnnc	nnntntntnt	naannnnnnn	600
nnnnnnnnnn	nnnnnnnnna	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	660
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	720
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	780
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnc	839

<210> 3487

<211> 657

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. W28362

<220>

<221> unsure

<222> (1)..(657)

<223> n = a or c or g or t

<400> 3487

tnnntatct	aggatgtggt	tctgttcctg	ctgctttctg	cgatgtgcgt	gtctgttaga	60
ataggtcttc	taccagcta	gaacaccttc	gcagacactt	gctggacagc	tatcttccac	120
atacttccca	gtttacattt	ggtcttaatg	atcttgaata	gatcctctct	tcattttact	180
cagccagggt	tggtactgat	gtacagggtg	naaattactt	caagcatttn	ggnaagaggt	240
gtatataatt	caataaaaaa	ggtaaaacat	gaacggaatt	cagcttggac	ttaaccagggn	300
tgaacttgnn	ggggggggtn	anncagnntg	anctngtann	ggggnnnnnn	nnnnnnnnnn	360
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	420
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	480
ncnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	540
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	600
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnccc	657

<210> 3488

<211> 661

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. W28366

<220>

<221> unsure

<222> (1)..(661)

<223> n = a or c or g or t

<400> 3488

tnnnncggca	atgataatat	tcctccctaa	tggaagccct	gatccccag	agagctacag	60
gtctgtctcc	gacgggcctc	gggcctgacc	cgtccacaca	gggccgtgtc	aacagcagcg	120
actcaaggga	cgtgtgtaca	tatgtaaatg	agaaatagag	acgtgtcaac	agatgcattc	180
atttctcttg	gaatgtgtat	tgtntnnatt	tgngaaacaa	aaacaaaaca	aaaaaaaaag	240
ntgggaactc	cancacgtgg	aaaaactaga	tcctgtgggt	tatngaattg	gngagtcctc	300
cacgtntgtc	tctctcgctc	atgtaatnta	ctctgaccct	gagtgggaang	ggttttgggg	360
cctgtnnnna	ttnnacctac	atgtactatt	tagcttcagn	gtncctagncc	tgccacctgt	420
gttttttttn	gggtgctatg	gaaatnatga	aagggaacggg	gnttcaagag	gaaattggna	480

```

ccaattcanc ttgggttntt nggggttcaa gnccaaagng gtncaaangn caaaatncnn 540
aacccccggg aaccnntnn tccgtncgg gngnnnnnnn nnnnnnnnnn tccccctng 600
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnc 660
n 661

```

```

<210> 3489
<211> 655
<212> DNA
<213> Homo sapiens

```

```

<220>
<223> Genbank Accession No. W28414

```

```

<220>
<221> unsure
<222> (1)..(655)
<223> n = a or c or g or t

```

```

<400> 3489
cggtcaggan aggcaggcac aggggtgtgat tctgtccttg naaggattac tctctctgga 60
ggacggctgg agtaaaatgg aaccccaaacc accagatatc tctctagcaa tgctgagtgc 120
tagcatcatg tatgcttggtg tgctttttggn ttgcaatgag gcctcctacc tggctgaggt 180
atgttgaccc ctgtggattg tcaagggttta cagctatgag tttcagaagc cctcactgtg 240
tttctgctgc cctgaaacag tggaggcaga caaagggcaa aggggtgggg ctgagaggcc 300
agctgaccaa gaaacccctc cagctcctcc agtccaagtc cagcatcttt tcctacaact 360
attctgcctt ccacttcgtc ttcttccttg gctcactcta tgcatggnt acccttacca 420
aacttgtnca nagttgggtc aaggggagtt gtccagccca ggtcaatacc ccaaggaaaa 480
aaggngttt ctccgtagag tngntcaatt tnaatggcnn gnnnnnnnnn nnnnnnnnnn 540
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnn 600
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnn 655

```

```

<210> 3490
<211> 671
<212> DNA
<213> Homo sapiens

```

```

<220>
<223> Genbank Accession No. W28696

```

```

<220>
<221> unsure
<222> (1)..(671)
<223> n = a or c or g or t

```

```

<400> 3490
nnnnnnnnnaa tttcatgttc acggtagtat gggatatatta agtggttcat ttcctcctg 60
aagaaaacaa cttctttctg atgtgatttt gtgaaattca aacatgactc tttgactgtt 120
taaaaaaaaa ttttttttct tttacgtntc ttggtaagat ttttttttnc tgggaaattt 180
tttggggaan cncceaagtg gttggggaan antggcctnt tggntcatcc cncgtgggaan 240
agccttncag agaatttntc ccacctgtnc tgaaaantct gtttccccag gnggnggngg 300
ggccactggg tagaagggat canagagaat tgaggggtga gcgagnttg naaactactn 360
ctaactctct ccatnagttt gntatgacct accccagttt ntgaaaggnn agaaatgaaa 420
gaaaagtcct gggccaaaaa agaagagtgg attncagttg ggnttancca gttgacttcc 480
canggggggg ttnnccann nttnatgcna aannnnnnnn nttncccan gnttnnnctn 540
tgccaaaann nnttnncca nntttnnntt tgcaannnnn nnnnnnnncn nnnnnnnnnn 600
cncnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnncn nnnnnnnnc 660
nnnnnnnnnc t 671

```

```

<210> 3491
<211> 782
<212> DNA

```


<213> Homo sapiens

<220>

<223> Genbank Accession No. W28798

<220>

<221> unsure

<222> (1) .. (782)

<223> n = a or c or g or t

<400> 3491

```

agacgattct caagacagtn ctctnangtg gnccagggtg agccaaaaga ttgaacagtc 60
ctggaagcta aattctctaa cagctttcaa atcctatgac tcttctactt ctcaagggtg 120
gtgggtcttcc actggcctga gtcattctctt cccaggaaaag ggtgggtgccg tccagccagn 180
acatccccag tgggtgttact ggatgcagna ggacttggat gtagttgcac cccctgggct 240
gggggtttccc cccgggttgat ttcttgccggg tgctgacttg gccgactgct gtttctgctn 300
ctcctcctcc tgcacctaca tcttggcatc gnactcatca gcaagcgct tccactcctt 360
gcgattgttg gngatcccgn ccaacattgg ggtgatctcc tcgggggaaac gggaggaatt 420
cagcttggcc ttaaccaggc tgaactngct caaanggnnt tncccaggnt tgaattcgct 480
cacanagnct taccagggtt ganctngctc acaagnntnn nccagncttg anccttgctc 540
ancngnctnc ncnannnttc nctnnccncc annntnnnnn cnnncnncn nnnncnnann 600
ccnncnnnc nnnccnncn cnnnccnncn cccnncnncn cnnnnnnnnn cccnccnncn 660
ccnnnnntcc cncnncnnc nncnccnnc cctnccnnc ncnnnnnnnn tcnnnnnnnt 720
nanncnccc cncnccnnc cncnccnnc cccnncnnc cnnncnccc cctntntnnc 780
cc 782

```

<210> 3492

<211> 835

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. W28824

<220>

<221> unsure

<222> (1) .. (835)

<223> n = a or c or g or t

<400> 3492

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nnnnccccnc cnnnnccn ntcttctagt ttgncgattt tgtcttggct tggngatggc 60
ggggcgtneg tgttcgagtt ctctgcaggt cactagtttc ccggtagttc agctgcacat 120
gaatagaaca gcaatgagag ccagtcagnt ggactttgaa aattcaatga atcaagtga 180
actcttgaaa aaggatccag gaaacgaagt gaagctaaaa ctctacgcgc tatataagca 240
ggccactgaa ggaccttgta acatgcccaa accagggtgn tttgacttga tcaacaaggc 300
caaatgggac gcatggaatg cccttggcag cctgcccagg gaagctgcca ggcagaacta 360
tgtggatttg gtgtccagtt tgagtccttc attggaatcc tctagtcagg tggagcctgg 420
aacagacagg aaatcaactg ggtttggaaa ctctgggtgt gacctccgaa gatggcatca 480
caaagatcat gttcacccgg cccaannang aaaattgcca taacactgag tngatccagt 540
ttggcttaca tgactgcaan nnnnnnnnnn nnnttnncca cnttnnttcc anannnnnnn 600
nnnnnnccnc nntnnccnntn ccaannnnnc cccnccnccc nntnnccccc cncnccnncn 660
ccnccnccc nnnccnncn cccnccnncn nnnnnnnnn cncnccnncn cncnccnncn 720
nnnnnnccnc cncnccnnc nnnccnnc cncnccnnc cncnccnnc cncnccnnc 780
nnnnnnnnnn cncnccnnc cnnccnnc cncnccnnc nncnccnnc cncnccnnc 835

```

<210> 3493

<211> 748

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. W28944

<220>

<221> unsure

<222> (1)..(748)

<223> n = a or c or g or t

<400> 3493

```

tttgacggtc tcaccntagn ataccgcgag gttgtgaggt ggagcagtgg gactcggatg 60
agcccatccc tgccaaggag ctacagcgag gtgtggcggg ggcccacggc ctgctctgcc 120
tcctctccga ccacgtggac aagaggatcc tggatgctgc aggggccaat ctcaaagtca 180
tcagcaccat gtctgtgggc atcgaccact tggctttgga tgaaatcaag aagcgtggga 240
tccgagttgg ctacacccca gatgtcctga cagataccac cgccgaactc gcagtctccc 300
tgctacttac cactgcccgc cggttgncgg aggccatcga ggaagtgaag aatggtggct 360
ggacctcgng gaagcccctc tggctgtgtg gctatggact cagcgagagc actgtcgggn 420
atcatcggn c tggggcgcat agggccaggc ccattgntcg gcgtcttaaa accattcggg 480
gtccagagat ttcttgtaca cagggcgcca gccagggtct tgaggaagca ggggaattcc 540
aggcagggtt tgggncttnc cctgacctgg ntgcccant cttgatttca tcgcgngggc 600
tgntccttaa caacctgaac cgagggnctc ttgaaacaag gnnttcttcc agangntgan 660
ggnaacaagt tttttncatc aaaaatcaag aagggggggag gtgnnaaacc aggcgacctg 720
tcccagcctt ggccaagtgg taagnttt 748

```

<210> 3494

<211> 150

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. W31382

<400> 3494

```

ttttttcctt gtataaatta ttttatttat tattgtaatt agatcttcac aaagttgtct 60
tttactgtg ttttgtcaac gtgaaattaa attgtagtta taagcaaaaag ttggttgcc 120
agggaacaat tgtatattca gtttaacaga 150

```

<210> 3495

<211> 311

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. W31478

<220>

<221> unsure

<222> (1)..(311)

<223> n = a or c or g or t

<400> 3495

```

aagattttca aaatatTTTT atatagaat ttttttaca agattttaca acatagcaaa 60
tcattatgtc atactgtaga aagatgaagc aaaggattaa actccaagga taaagaaagt 120
gctcatagca acgtattgca gtctccatga aagtgcataa aaacgggta aggcaaagta 180
ccatcttggg acagacatgt ggcanccngn gacttntaaa acaatttttt aaaatatata 240
caaacTTTT tttcttatt cttctcaaag gcatttgaaa gggatacttt tatgaatatt 300
cttggtgta g 311

```

<210> 3496

<211> 263

<212> DNA

<213> Homo sapiens

<220>
<223> Genbank Accession No. W31906

<220>
<221> unsure
<222> (1)..(263)
<223> n = a or c or g or t

<400> 3496
gtttccaatt gcagatttat ttccacacac acaaaaaaaaa tctatgttga agttacagga 60
ttgccatgaa tgccacacac ctttcagact aagcagaaaag cccacaagaa aagcacaaaa 120
tgaatgcact cagctgcccc tgtccccccc accctgggtg actggggaag gacaggcaga 180
gcatacctaac aggggagctg agtctttggg aggataggaa aagcccaggg gtcagggnaa 240
accacacaga cntacangg ggg 263

<210> 3497
<211> 244
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. W32176

<400> 3497
tttttttttt ttacatttgc gttggcaatg tttaatgttt cactttttgca gaactgaaat 60
ttgtattcaa aggcacagaa ggaaggaaaag gcagttatca gagcatgaag tcacagataa 120
aggatgctga ataaaagcat aggactgctc ctcttttagcc ttaggaaaat aaataatgca 180
gtattaaact agatttttat ttttattata tttccatgtg aagacatcac ccaaagtgtca 240
gcgg 244

<210> 3498
<211> 432
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. W33167

<400> 3498
tttttttttt taccagtata gaaatttatt tgaattcaaa ataatatggc tatattttata 60
ataatataat aattatctaa agcaaatatc atcattggct ctgaaatgcg tctaaagatg 120
tcattcttaa gtcaaaaaat acgtagaaga atgtacaaga aagaaaaaaa tataaaaaaca 180
agtctgctga gtgtcgggag ttggtgaggg atatcctacc atattgtgac ggagccaaat 240
agaaaacatg cagcaacagt tctcctgctt tatcagctcc ctggaaaata aaccagtaac 300
cctggtagtg cagtaaccat ttgggttaaca ggacaaactt cctgatggac acagatagta 360
attcactgca tttcccttct ctaactttctc tcttcacacc aattcctttt ctttccttta 420
agatgggttt ct 432

<210> 3499
<211> 414
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. W35309

<400> 3499
agcaagcagg ctaagtttgc ctacaaggac gagtatgaga agttcaagct ctacctcacc 60
atcatcctca tctcatctc cttcacttgc cgcttcctgc tcaactccag ggtgacagat 120
gctgccttca acttcctgct ggtctggtac tactgcaccc tgaccatccg ggagagcatc 180
ctcatcaaca acggctcccc gatcaaaggc tgggtgggtgt tccatcacta cgtgtccacc 240

```

ttcctgtcgg gagtcattgct gacgtggccc gacgggtctca tgtaccagaa attccggaac 300
caattcctct ccttttccat gtaccagagc ttcgtgcagt ttctccagta ctactaccag 360
agcggtcgtc tctaccgcct gcggcgcttg ggcgaagcgg cacaccatgg acct 414

```

```

<210> 3500
<211> 378
<212> DNA
<213> Homo sapiens

```

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<220>
<223> Genbank Accession No. W36290

```

```

<400> 3500
tttttttttt tggcagtgag taaaaggatt taagttgcac tgacaaaaat accaaaataa 60
aagtgtatatt ttaagttccc atttgaaatt gctggcgctg ctggccggat gcatttttga 120
gtttgtatta gttgataaat taacagtaat aacaagattg tatgaaccgc atgggtgcttg 180
cagtttttaaa tattgtggat atttgcctg catcagaaac gagctttggt ttttacagat 240
tcaactgtgt tgaaatcaaa cctgccgcaa cagaaattgt ttttatttca tgtaaaataa 300
gggatcaatt tcaaaccttg cttatgatat gaaaatatta aaacctagtc tattgtagtt 360
ttattccaaa aaaaaaaaaa 378

```

```

<210> 3501
<211> 514
<212> DNA
<213> Homo sapiens

```

```

<220>
<223> Genbank Accession No. W37382

```

```

<400> 3501
tttttttttt acaaaacaaa agcttttttt tttttagttt gtttcacagt atctaaaatg 60
gcagagattt caggaaagtc taatcacact tgaccatgag tgttgagttg cttttccttc 120
ctctgaggcc aagagttact tatatccaag accgtgaaga actctttttg acctgttgga 180
tatgatcttg tgactgggtc gagggaaaat aactcccagg gttgttgagg tagagctggt 240
tccacaaaaa gacagaactg tatgcagcta ataagagctc cagcacagtg aagatgagca 300
tcaccactta ggacacctgt taaactgaca ctggtcaggg agacaatctt tgatttcata 360
tattcggata atagtactcc gaataaggca atgaggatag ataatccatt tctgagccac 420
aatgttgaga gggcagtcct caggggctac catgctgtca gcaaggagga agaggcctgg 480
ctcctggcgg ttaacaggaa ctccctggca tttg 514

```

```

<210> 3502
<211> 376
<212> DNA
<213> Homo sapiens

```

```

<220>
<223> Genbank Accession No. W37680

```

```

<220>
<221> unsure
<222> (1)..(376)
<223> n = a or c or g or t

```

```

<400> 3502
agctcatcag ctatcgttag tgtattttat gtggcccaag aaaattcttc ttcaaagtgt 60
gcccaggga gccaaaagt tggacacctg tgatttacag gttatgccta gatctgaaac 120
agatccccat ccttcctaaa gctcgcccac tgggttatgg ccctgtttct cttagaaaca 180
ccacacacat catttgggaa aagcacactg agtagaaaca tggcctgaaa ggggtgggtggg 240
cggtggacct ggcttcctgt ggccagaggt cagcggacga tagaaatggg ctgatcggcc 300
acagcaaaga cttgggaaga ttgggccccg ggaaggacac attgattggg cacagagcac 360
tgtgccggac gngggc 376

```

<210> 3503
<211> 515
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. W38407

<220>
<221> unsure
<222> (1)..(515)
<223> n = a or c or g or t

<400> 3503
ctctgtcgcc caggggtgctg gagggtgcaatg gcgcgatccc agctcactgc aacctccacc 60
tccctgggttc aggcaattct tgtgcctcag cttcccaaga agctgggatt acaggcacat 120
gctaacacgc ctgtatattt tttgtagaga cagagtttcg ccgttgncag gattgtcttg 180
aactcttggg ctcggtgatc tgcctacctc gacctcccaa agtgctggaa ttacaggtgt 240
gagccatcac gcccgccca cttgaatata tatatatagc caagaatagt tgggctatac 300
tttcatcttt ggcctagttc taagtaattg attggtttca ggatccaata aactctacag 360
gtaaatccac taaggtaatg gtctataccg gtgggttcctg aacttgagtg tgcagcagaa 420
ttacctggaa ggcttcttaa aacacagatt tctgtcccca cctcccagga tttgattcag 480
gcgggctgct gtggagcctg agaatgtaca tttct 515

<210> 3504
<211> 432
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. W38778

<220>
<221> unsure
<222> (1)..(432)
<223> n = a or c or g or t

<400> 3504
aaaccatttg actcggtttg cctccctgcc cggtgtttta accttacaaa ccctggataa 60
ccccatcttc tagcagctgg ctgtcccttc tgggagctct gcctatcaga accctacctt 120
aagggtgggtt tccctccgag aagagttctt gagcaagctc tcccaggagg gccacactga 180
ctgctaatac acagccctcc ccaaggcccg tgtgtgcatg tgtctgtctt ttgtgagggt 240
tagacagcct cagggcacca tttttaatcc cagaacacat ttcaaagagc acgtatctag 300
acctgctgga ctctgcaggg ggggtgaggg gaacaagcga gacctttggg gtaatgantt 360
aacaccccat gctgggggat gcatggaagg tgaaaggggg ccagggaacc agttggaaga 420
attttccaat cc 432

<210> 3505
<211> 436
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. W39183

<400> 3505
acgatccgta actaccagc cacagtgcag ggtgctctgc tgagtgggct gcgagaaggg 60
gaagaattgc agaccagttt ttgggggcca tgtatacgtc gcctcgccag gccacaccag 120
gtgttcctgc acagcagtc ccaagcatgt gagacagatg cattctaagg gaagaggccc 180
atgtgcctgt ttctgccatg taagggaagg tcttctagca atactagatc ccactgagaa 240

aatccaccct ggcattctggg ctctgatca gctgatggag ctcttgattt gacaaaggag 300
 cttgcctcct ttgaatgacc tagagcacag ggaggaactt gtccattagt ttggaattgt 360
 gttcttcgta aagactgagg caagcaagtg ctgtggaaat aacatcatct ttagtccctt 420
 ggggtgtgtg gggttg 436

<210> 3506
 <211> 258
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. W42429

<220>
 <221> unsure
 <222> (1)..(258)
 <223> n = a or c or g or t

<400> 3506
 caatgaataa acattttattg agcaccggca aatcccagac actacagaac acacagaagg 60
 catggccac gccgagggcc cagcccttag caaagctgcc acgctgcaa aaatgggtggc 120
 gcatnagctc aggcgcaggc tgaggctggg gcttggcggg cagtgcactt ggaacgggggt 180
 cctaaggcct ctgccaggtt ccagctgggg caggggtcac gtcgcttcct gagagcagan 240
 caaataaata atggagag 258

<210> 3507
 <211> 374
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. W42483

<400> 3507
 agcacaacac tcattctttta tttattttatt attttttttt actaaggcac atgacgtaga 60
 aatattgagg taaaaaatgc aaattttctgc ataagatttt taagatattc attttggaaa 120
 atgaagggtga acatcatctc ccagaatatt cagcttttag cttgtttttt cttttggacc 180
 agttcaacca gcaacttgta cctagcgata cagtcttcct tgctcttgga cgggacacat 240
 ctggctattt tgtcccagcg gtcagaggat ccccttgggt actgctgcaa cgccagttcc 300
 agaagtttct gttgattttg agtccacggc tcctctgcag accgagctct ctctttttctc 360
 aggtctctct cgtc 374

<210> 3508
 <211> 369
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. W42627

<220>
 <221> unsure
 <222> (1)..(369)
 <223> n = a or c or g or t

<400> 3508
 gtggcaacac gtttaattct gtggccatgc tancctgtct ccaaggcctg gtggacagca 60
 cgtcaccaga ggctgccgca gancaggcag ggccagccct gatagaggag tgcaggcaaa 120
 ggcgggggct ctgaagtggc tncnnggagg cnatggccc cgggctggga gtgctcagta 180
 gccgtcgta gcccaggtga cctcgtagtc ggggtacttg gctttgattt tctcagttga 240
 aatggcgtgc tgggcaggac cataggccan tggaatagcc gtacacgtga atcttcttgt 300

cctgactctg gttgggagat ggcggcgccg cccagacact cacagttcgc anccttnngct 360
tctgcatgt 369

<210> 3509
<211> 365
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. W42674

<220>
<221> unsure
<222> (1)..(365)
<223> n = a or c or g or t

<400> 3509
aacatattga tacattttat tacaaagaaa ctcacacata aatgatttgt cctatttatc 60
ataataggcc accaatcact aggagccaag cttcatcagc ttaagtccta ggtagcatgt 120
ctcaatgcat acatatttat atcggtatta accgtgtttc ttttcttttt ttcgagacag 180
agtgtccagg ctggagggtga tctcggctta ccgcaacctc cgcctccggg ttcaagtgat 240
tctgccgcct cagccttcct gggtagctgg gattacaggc acgcatcacc acgcccggct 300
acttttgtat ttttagtaga gatagggttt ctccgtgttg gtcagggttg tctcgaactc 360
ccaan 365

<210> 3510
<211> 383
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. W42778

<400> 3510
gaaaacaaaa atttattgct tctccttcca aagcttttgt aatttacaaa aaaaaggatg 60
aaagtttaca aactgcttag ttccaactaa gcataagagg tgagaacgta cactgcaggg 120
ccaccagcag cagctgtgca ctcgatcggt aaaactggct cccccagact tgtagtgctg 180
tcttcagggg gctgcattcc ttacacgcca cctcttgtga catagggtcat tgggtcaagcc 240
gctggaatgc tacagagggt tttttgggtt tgagaggctt ttttttggtt tgccttcta 300
ctataaaagc gaaattttca gttcatttct gaaaaataaa ttggtcaata aattcatttt 360
gttctgtctt tactttacac aaa 383

<210> 3511
<211> 257
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. W42788

<400> 3511
acagcataac aggggtttgtt tactgtgcca catcatcggg tgtttttaaa acgaaatata 60
aatatatggt tagggatagc attttttagga gaacaagtga ccaaaaaacta agttacctct 120
tttcagggtca gccaaaaaac gtgaaggga agtggacttt atacaactta gacattttatg 180
tagatagcac agcagactca tgttcaagcc agccacctga aacattataa gtccgtcgag 240
ggggacagca atctatg 257

<210> 3512
<211> 398
<212> DNA
<213> Homo sapiens

<220>

<223> Genbank Accession No. W42789

<400> 3512

```
caaagtttac aataatttat tattgttgca tgacatttgc cagtaaaata aattatagaa 60
actatagagt ctttataaac tattttgtat atcatattca cttcctaata cttactgcag 120
taactgtatg aaatttaatt agattacgtt ttagcattag tcagaagatt taaaaaatat 180
gtaaaatggt ttcacagtac tttggattta taaaagaccc cattatttta acttttgtgc 240
aacctgtttg aaatgtataa aaaacctttt acaaaccaaa aggtggcgta aggttttact 300
gagttgctga agacatctta ctttcttgaa tttctactta aacatccatg tgggtgcactt 360
tttcaggcag tgtaataagt ggcaataaaa taatcaat 398
```

<210> 3513

<211> 409

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. W42957

<220>

<221> unsure

<222> (1)..(409)

<223> n = a or c or g or t

<400> 3513

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gaagagggat aaaaatgttt taattgttga aatacattgg tgaattgagt aacttacatt 60
gcaataactaa gtagatacac aagtcattat caaattaatt tccagatatc ccactaacca 120
tccatcgcaa gtccttgaaa agttatagaa ataatatgat gagattgtcg tgatgtagaa 180
tgagcaaccc aaacagctat gaagtatttg tagttgcaca tgcctttcac gaaagaaaat 240
aaaaatgtaa tcaaaatgtg catatggcat gcaaatattga gtttattttt aaatagtggc 300
aatgaaaatac accttgttcc taaaaaagga aattctgaca tttaaatgaa atttgaaaac 360
caaatnagta agaaatggaa agagatagtt gtaagaatcc atttaccat 409
```

<210> 3514

<211> 435

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. W42996

<220>

<221> unsure

<222> (1)..(435)

<223> n = a or c or g or t

<400> 3514

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tttttttttt tttttttttt ttccagacga tacacattct ttttattgca ttttttaa 60
ttgaaaataa atttaaataa ataaacagaa gtgggatctt gctatgctga ccagcctgg 120
cttgaactcc tagcctcaag tgacctccc atctcagcct tccaagtgtc aagatgacag 180
gctgtactgc cacacccagt ctgtgcaaag tcctcttggt ccctgccctt ggncccttc 240
cccacgtcaa agccaggact ntggaaaggg ggcagacgtg gggctcgcgt gcctgcagnn 300
aaagngttca catgggtccat cgaggtccaa ggagcccagg gacagcctag acactgtgga 360
gaaggggcct tcaactgtctg acccttgggg gggcccccac agccctgcag cctggatggg 420
gtgggtccta tcaan 435
```

<210> 3515

<211> 160

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. W44557

<400> 3515

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tttttttttt ttgatcaaga aaacaagggg aaaactgaaa tttattgaag gcttacatac 60
tgtaagagac ttacaaaca ttctacctt acagtcttta atggagcagg caattggggg 120
tacatagctt gcccaagggt atgcagctag aggtggcaga 160
```

<210> 3516

<211> 469

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. W44733

<400> 3516

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tttttttttt ttttgagttt aaatttttatt ttacaaaaag agaaataaag aaaactgata 60
ggcagttata ctgacttaca attgttctgt ttgctttttt ttaaaaaagt gacatgaaac 120
acaagtaaaa ataaatacgt catagaaaca gccagttgcc cagtctcttg ggaggagcgg 180
cctgcctgct gagaggaggg aagcccatga tcacaccagc agctggatca ccagccaca 240
gatgctcctc gaagccaggc acaggtccca ggccctcagg gcgtcctgag gaaagaagac 300
ggaaaaccaa agccagggtc caggaccctg gggccacctc attatcccc actcctcctg 360
gcagcagctc ggtcttagtg gttatccata gcgaccccc ttaaccacc tggaccctct 420
tcccctgacc tctctgaaga tggtaacaag gaaaaacctg tcttgggca 469
```

<210> 3517

<211> 459

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. W44745

<220>

<221> unsure

<222> (1)..(459)

<223> n = a or c or g or t

<400> 3517

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tttttttttt ttagtatgtg ctaattatga attttattaa ggtttattca atgtcacaga 60
ggaaagaacg gtttgtagtt ttgcttacct gcagtgtgag caggtcacag ctgtccaacc 120
atgatccatt cacatgctct ggccccgtgc cctcgtcct cccacccta cccacagga 180
caccattaag ccagggtctg gtaacaacat atgtcfaat catcttctca ggtgagaacc 240
aaactcgagc cacaacagca aagggggaaa aaggtagcaa agtaattatg tgctccaag 300
gcagtcattt agttgaatcc ataactggaa ataaaaaggc atttatgaag tgtagtcccg 360
ccagtctgga atgttggaag gtgggaagat cacacattta ctaaggaaac actccaaaca 420
tantttgggt cagaattcnt aaaaaatccc ggaattttc 459
```

<210> 3518

<211> 460

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. W45051

<400> 3518

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tttttagaaa gtatcttctc tttatttaag ttaacaatt ttcaaggatg gtttccatct 60
```

```
ataaaatgga caaagtacaa gctctgtaca gcagttcttt ttaaaaatca actggaaaaa 120
aaaattacca aactatatTT tgaatttgca aaacatactc acagatacca tcatctgagc 180
ttttatgagg acataagaaa ggaccagcac agagaagaca actaacttcg gcacgctttg 240
ctcgaagggc tcttaggaaa gaattctgag ttttaaaaac aggagtggga ggggtgagata 300
gtcctgatga ttaaaaacta acgcaaccgc agtaagtcac tttggcacac tgtgtcatgt 360
aaacatagct caccgcaaag gacccctccc cgggccacc cctgctcttg acgcccggac 420
catccaaagc cgctcccag ctcagggaca ggacgccgcc 460
```

<210> 3519

<211> 460

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. W45259

<400> 3519

```
tctcaaaccg acagtgtgct ctgtgaccca aggcaagtct tggagccttt caaggctcaa 60
tttcttctgt aaccttggtg tttcacaatt gtcaaccttt tgttctgccg accattgtcg 120
tcatagtctt acttgagag ggcatagtgc tgatgggaca agtgacatgg gtatgagccc 180
catgtaaaact aaaacataat taccttttct ttaggtgttg gctacagtta tcccaaactt 240
ggacttgagg tcttgatat gcatgccatt ggctacatac catcagaata gaattctcaa 300
aaactcttta gtaataaga taaacatcct acttataaca gctcattatg gattttattt 360
ttattgtctg gctctttcag accccagcaa ctgcaattct gacttaataa tcaattgttt 420
ctaataatta aaaatggtat atagaaaaac tgaaaaaaa 460
```

<210> 3520

<211> 309

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. W45320

<220>

<221> unsure

<222> (1)..(309)

<223> n = a or c or g or t

<400> 3520

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gtgaagtttt tattaaatcc acagaagtaa aaaccatata ntgangaact gggggatggg 60
nccaccaggg agtnggagtc aggccaccag gggagtnggg atgngtgac aggacagaga 120
acagagccag gctgggctcg gccatggggg ctccagctca ggggccatca ccagggccac 180
cagacagctc ctgggaactc aggcagcac caggcaggct catcgccggg ggctccacca 240
gcacatgcag agaacttggt ntcacccgaa gcctccgttc atgcgcgtct cgaagaagcg 300
ctgcaggcc 309
```

<210> 3521

<211> 232

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. W45487

<220>

<221> unsure

<222> (1)..(232)

<223> n = a or c or g or t

<400> 3521

```

tttcaccagc agcgtcttcc ctttatntta gtttattaat agaatacaga gtgcaggcac 60
ttacagtggc caaactgagc gaggagtggg tgaggtctcc tcagagagag gccgccctgg 120
gccacccatc agggaggcat gggcgggant gagaggcccc caagaccccc cgccaccacc 180
accacatag cccaagccca gccaccctgg gggacccagg ntgttttttt tt 232

```

```

<210> 3522
<211> 408
<212> DNA
<213> Homo sapiens

```

```

<220>
<223> Genbank Accession No. W45560

```

```

<400> 3522
tttttttttc agatcatatt cttttattac atatatgaaa tataaaaaaca aattaacaaa 60
gcaatatata tatatatattg caagtccaca ggcttcagag aaaaaaagggt tctgtatgtg 120
aaattattca tatggcactg tggtcatgtt ttgtatatcc aagtacaaaa gaaactatgt 180
atagtgggta tgcgtgggta cagaagatga ataataatga aaaactgtga ttttttgact 240
atcacatata ttgtgtttaa aaacaggtaa atataatgac tattactgtt aagaaagaca 300
aggaggaaaa ctgtttcaat gttcagggtt aaatactaag cacaaaaata taacaaattc 360
tgtgtctaca ataatttttg aagtgtatac agtggcattg ccaatgga 408

```

```

<210> 3523
<211> 493
<212> DNA
<213> Homo sapiens

```

```

<220>
<223> Genbank Accession No. W46286

```

```

<220>
<221> unsure
<222> (1) .. (493)
<223> n = a or c or g or t

```

```

<400> 3523
ttttttttca tttatattct ttttatttta tcattacttt cagattcagg gtctctcgtc 60
attttgccca ggctggactc ctgggctcaa tggatcctcc ctgcctcagc ctcttgagtg 120
gctgggatta caggcatgca ccatgccngg tgctacaaat ttttttttaa aaaagctcgg 180
aaacacaacg ggcttgcatc gtgttggcag cagggtgcctc ttagctgggtg ctggacagaa 240
ggggcttgca gtatttgac tgaatccaaa cccggtacat tgtcagttgc ttccctcggg 300
tcacctgcag tcggcgggtcc accagggttct gaactttttc cagtccagca gtggtgaaaa 360
gcgtgtccag ttctctctgt gtgaagaagt aaactctggg ttccatcacc tctcacatag 420
aaatttccag atagacactg acctttttta aaccnagct gagccatgtt aaaagcgggc 480
cggaatctcc gca 493

```

```

<210> 3524
<211> 445
<212> DNA
<213> Homo sapiens

```

```

<220>
<223> Genbank Accession No. W46391

```

```

<400> 3524
tttttttgaa ttgttcagtg catccaacac ttactttact ccacaccttt ctgcaaaatg 60
ctcataataa acctcctgtc tacattgtgt tccaatgaaa acttttagtca tattttacat 120
ttattattaa tataacatgc tatgtaaatg tacaggagcc tgacaaatga caatctactt 180
acataattta aataacacaa gtgcttgctg cagtctttat tagtacacag ctttgttatg 240
gcttcttaga aataatttta aaaagtgcag gattcttctg ggctactctg tttaggaaag 300
attacagata acacatttct aagaatgaat tagtcagctg tatatgggtt cagattagaa 360

```

aatatttaa at aaatacaggg aaaaatattt ttaattagct taatttatat atgaaaatat 420
 ttattttaat ttgtttttga gacag 445

<210> 3525
 <211> 445
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. W46404

<400> 3525
 ttttttttca ccaaactaac atttatttag ctttgttccc tcccatccaa gactgctgat 60
 ctctaaacaa gcatcaaaac ccgaagctca ttaacatcag agtgagcttc aataagggtga 120
 aactacaat gatgtacaat tacatcctaa taattcaatg cccaagagcc ctgtagaact 180
 attgcaaggc ccaggattat cacagtatgc aaatgcacta ggaaaatcat tacctattta 240
 gtcccccttta ttttggtggg ttttaacatga gaagaataat ccatgctaca agacgagatt 300
 tcatttttaca gctgtagtaa ccaagtgcac aaaagcttga atctgtccca atagcttcta 360
 aaaaattttt cccatagtgt cagaggcaaa aataatgaaa tcttgcaaat gtacagttaa 420
 taggacccta gtgggacact aactt 445

<210> 3526
 <211> 442
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. W46451

<220>
 <221> unsure
 <222> (1)..(442)
 <223> n = a or c or g or t

<400> 3526
 tttttttttt tttttttcaa gagtagattc tttattcatt tctctttttt ttcttaaaaa 60
 aaaaagtatt catttggtat aaaaaataaa tatttttaaat atgacattga ataaataaaa 120
 ataattctgtc agtatgaaac atccccacag gtacattcat caaagaggaa tttgtcaccc 180
 aaggccatgt gcttttcagt ggaaaggaag gagggaaacc tctaaggccg cacggtgggc 240
 ccacggagct agcacgtggn cgggactgaa ggctggatgc cggcnattga ggtggggaac 300
 tagagatgac tctaaggcag gaacatcttg taccatctng cagggaaatg ctacctcccc 360
 ggggtgccaga gtcaccaacc cacacactat gtctactctg gagagccggc aagnagnagc 420
 tgggaactgg ctgggtcagg gt 442

<210> 3527
 <211> 364
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. W46634

<400> 3527
 gaaaccaatg cattctttat tgcagactga agcttagggg ctactcact gtgactctga 60
 tttgggggca tctgtggctg cccacacttt ccaagacaga caagggcaaa ctctccaagc 120
 agaggagaaa acaacttcca gaagctgccc cttcaaaggc ctgaggtgag gacctggggc 180
 agcaggcagc ttggcatgca ggggttaacc agaaaggccg ggtctggagg gctgggcaca 240
 cctaaccctc atctoctggt gactgcaggt cccactccct tcttcaggag tgccatgcag 300
 actcttgga caatctaaca ggccaagtgt ctcccagggt ggggttaggga ggaggctgaa 360
 caca 364

<210> 3528
<211> 437
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. W46810

<220>
<221> unsure
<222> (1)..(437)
<223> n = a or c or g or t

<400> 3528
ttttttccca gatgaggatt tattggcgta aatgcaacca tataaaaaca taagttatga 60
aaaacacagt cacgatgtgc cctccccatc cccccagccc agggccctaa aacccccctc 120
tgcggnnnng anggagagga agggggagcc ccgaaaccgc ctaggaacgc tcagccccctg 180
ggctcgtgca gggcgggaga gccgggcctc agcgcacccg gtagtcggtg gagcaggacc 240
tttcgcanaa gctggccctt gaagtccagg tcgntngtga antccaggtc ccggttggtc 300
ttggcgttgg gccgcattgc cgatggtgcc gaagatctcc tcgcccgtct tcacggtcag 360
gtaagtcttc catgtagaac accgtcttgc ttccagtgcg tgtacgggga ctcggggctg 420
ggtggaagaa gncggtg 437

<210> 3529
<211> 331
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. W46846

<400> 3529
tttttttttt tttgcaaaat gaaacaagtt tattttctcc aataacttct gtaaattaca 60
aagacaaaaat actaaaaact acagcatata acttttcaat atttaaccag agtactcgta 120
ataaatatgc atccggaaac aagataaaaag gctacacctc gtcaggcatc ctacaaaaat 180
gtctcaagtt ttatatctc tgcagcattt ctgtgcgggg gcagaagggg ctggttggtgta 240
ttttctgaag tgctgtgaca aaaggtcctt tcacatttct ttggagcatt tttgaaattg 300
cttaactata attaaacaac ttaagaaaag t 331

<210> 3530
<211> 430
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. W46947

<400> 3530
tttttttttg gtatttcaag tgttttatth gctttctgtg gtgtcaaatt tggggtctcc 60
tagagcccag ccccaggcag aatccggcat atccttctcc gcctgggggg cccgggacac 120
aggagtttca gaaaaggcac tggcaaaagt tctagggcgg gggtcaggga gaagccacac 180
tgagcctgga gggaccgggc cctccttcgg cggcagaaaa cacagtcacc tttggcaggg 240
aagggttttt tcttagaaag aaattttaaga caagataaaa acctgagatg ttagaggagc 300
cccagaacc aagccggtgc tcccctgggc aggcagagag tgaactcggc ttccaaaggc 360
tcaggggagg cttgcccggc cctcagccag gctcagatgc cacaggcctt ggcaagcaga 420
aagcctaatt 430

<210> 3531
<211> 465
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. W47175

<220>
<221> unsure
<222> (1)..(465)
<223> n = a or c or g or t

<400> 3531
tttttcaact gcaataaaat cagtgcagtt cagaaaaactc gaccttttcag tatccgagaa 60
ggcagctttg taagcacttt ctgttcgagg aactttgtta agcagctgag gggaatctga 120
cccagctcct gtgttgtctg gtgtagacag ggcaccagac tgggagtcaa gtggcctggg 180
tgcttcttca ctgccaccag cacttcctaa taatggcaaa ttacattttt gttacggtgc 240
tcacagctta caaaacacat acatgtgcat catcacagtt tgttcacctg taagatgaaa 300
gggttggatt ctttgttttc tgtggtcttt tccagttcta gtgccttgct agtctgatag 360
tgtgaattat tttttattac agctggcgct gctgctgcat cagggccatc ctttctgcaa 420
gacacaatga ccacagcaaa gagcgggaaa gataactttc cacgn 465

<210> 3532
<211> 365
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. W47206

<400> 3532
tttttttttt agcattttat gactttttatt ttacatgtcg ccaacgtttg tacaacatac 60
agtggctaca tctaaaactt tgagcatttt tttatggcgc aaagagacag aaagggttaat 120
gacacactta actgttacag tgactttggg tagggcccta aagacagcac acgctccaga 180
gggcgggctg agtgttggtc acacttgggt cctgaatcgc tgttgtaagg tacagagaca 240
cactttaact ggggaatggg gtccccacac agtgatcgcc ccacgggagg gtgacagaat 300
atgccaggaa ttgtcttgga catgggcccc agtcaccaca atcagatggc ttatttcttc 360
gtgcc

<210> 3533
<211> 466
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. W47388

<220>
<221> unsure
<222> (1)..(466)
<223> n = a or c or g or t

<400> 3533
tttttggtgc taaaatccat tccatagctt tgaagtgaga acttacagcc catctgaaca 60
gtgaggtttg taccaggga tactctgagg agggcccaaa ggcacgccc tctgggaggg 120
acaggcccgg agatggagac ctgcgagcat gtgcaccctg cgcagacatt tacagacacg 180
caactcagtc tttctcactt ggacaacctg ttgtgcaaaa aactaggaa tcttgaagtg 240
agggagctct gtccacagct cccgtaattg cagggaggag agcagagccc aatgaacctt 300
gagtgaatt aagtgtctaat aaccacataa ttaattgtg cagatcagca gtctagtct 360
ggaatttaaa cactgtcaac ggggcatatt ggggaaagat atttatatat atatacat 420
cacacacaca cacacacaca cacacacaca cacacaaaca cattna 466

<210> 3534
<211> 422

<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. W48860

<220>
<221> unsure
<222> (1) .. (422)
<223> n = a or c or g or t

<400> 3534
aatnggcacc accggtttatt gctgccagtc tatctgaaat tccgtgagtc tttctggggt 60
tttgagata agtgcaccag agttaaat aatcatttaa tttccaggag tgataggcat 120
agggacacat tactcaaatg gatctggaat cccatttttt tccaagaaat ctttcttgat 180
tcattggatg agtggctata atggacatat cttcctatta attgccaaca gcacccccag 240
ctcccaaatt cattcttttg tctatgtgta gaggtaacag cccttatcag atgttacatt 300
tgtttaattc ggtgactgtg tggctgtgat ttaatctaag tttccaggga gctatggggt 360
agatgccaaag ctactacct tgagcagaca gggactgctg gagaggaggg tgggggtgagc 420
tc 422

<210> 3535
<211> 443
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. W49574

<220>
<221> unsure
<222> (1) .. (443)
<223> n = a or c or g or t

<400> 3535
tttttttttt tttttttttt ttttttgagg ctaaaatcat ttaattatac acaggccaca 60
attgcaggat ggaaaggcag tgggcacttg gaagtgacta cacatggcaa taagcagcct 120
atcttcttta ccaaccagaa gtttcttggt gcatgtgatg gtaggccaga ccctttccaa 180
gggaataata ctacactaag cctacactgt actgtgagag tcatggtgga acaaggccac 240
aggangtggg acggaaatgt gatgactcac tgtgtcagaa ttctaaggcc cagcatgatc 300
aggatgtaag gtcacataat tttctaaacc agaaattatg agaagaacaa aattctggca 360
atcacttatg tttttttctt cttttttttt tttgagacag agtttcactc ttgttgccca 420
ggctggagtg cagtggcaca atc 443

<210> 3536
<211> 386
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. W49661

<400> 3536
tttttatcat tcaacatttt atatcagaaa agatcagctt tccaacattt attccatgga 60
atgagtgcac agcattttca tgaactacct cagggtctaca tcagtacaaa atagttttaa 120
ttagtaaaat aaagtagttt caaagggaaa tcattcgacg acttcaggat aagtgccacc 180
accatttggg aacagaggat agaaggtagc catgtgggta ttccatgatg caggaatcag 240
gtcggcagggt ggactgtcat tgctgtcttg cggcactggc ctctgccttc aggggtaccac 300
cgtctccagg acacaaatgg gcagcagaaa aatgtcacct tggtgatact cagcagctca 360
tctattggga caaaacttcc atctcg 386

<210> 3537
<211> 469
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. W49743

<400> 3537
atgtcattgt gacctacaaa gggaccctgg cagaagtcag agctgtacag gaaatcaagc 60
cgggagagga ggtttttacc agctatatgt atctcctgta cccaacggaa gatagaaatg 120
accggttaag agattcttat ttctttacct gtgagtcca ggagtgtacc accaaggaca 180
aggataaggc caaggtggaa atccggaagc tcagcgatcc cccaaaggca gaagccatcc 240
gagacatggc cagatatgca cgcaacgtca ttgaagagtt ccggacggcc aagcactata 300
aatcccctac gtgagctgct ggagatctgc gagctcagcc aggagaagat gagctctgtg 360
tttgaggaca gtaacgtgta catgttgac atgatgtacc aggccatggg tgtctgcttg 420
tacatgcagg actgggaagg agccctgcaa tatggacaga aaatcatta 469

<210> 3538
<211> 404
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. W49791

<400> 3538
gccttgaatg aaaaccatga atttaatgtg acattggggg agcctcatcc ttcccttttt 60
accacccacc catccagcct gttgtgagtt ggggtgagggc tgccccagc ctccgtcctg 120
cggctctcgg gtgccatcct gttcctttcg agctcagtc gcctcctggg ctctgtcttc 180
tgtgaatctc cttcttgctg attcatatag tgcttgcttg cgctcctgca ggctctcctg 240
ccggggccag gaagacttgg caaatgttag ggctgttggc tgaggggtca ccggggccaga 300
gctgggaaac ttggaggcag aggctgtggg tagggactga gttcccttgg tgatgtcttc 360
aggcatgaaa gctacggccc cctcaagcag attagtata gtca 404

<210> 3539
<211> 541
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. W51951

<220>
<221> unsure
<222> (1) .. (541)
<223> n = a or c or g or t

<400> 3539
tttttttttt ttttttttga agatttgagg ctttatattc tttagatgcc tactttttgcc 60
atactggcta gtaagaagtt atgtgtaact tcaagatgaa aggcattagc aacctcttag 120
aagacgataa tccaatctt ctggagattg aatgagatgt aactcactga agcttttgac 180
tcggtctgct gttaattgaa tcaaagtcaa tgacaatctt gctgcacttc ggtatgaatt 240
tccggaatgt caccocggcc atattaaaca ggagcctcgc agcagttgcc tcgtcactat 300
catggatatt atcagacatn aaaatcaact cttttataacc tgcttgatg atgagcttag 360
cgcattcatt tacaaggga caaggcgaca tacatactac agcctttcac atcggtcgaa 420
tttttggttc atgatggcat tcagctccgc atngcacacg tacgggnant tgggtgccag 480
cttaatctct gcnctccttc tccaaggna acgtcatcaa tggaccatt ggnatccatt 540
g 541

<210> 3540

<211> 361
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. W52581

<400> 3540
aatatttggg cttcaataat gctaaatatc tacattttta gaatttatca acattttaact 60
agataattgg gcatgtctta attatgcatg tacttatcca tactaataaa attgacaatg 120
ctagtgcata cttatttggt tagtcctatt atcaggatat aatcatctgt gaggaggata 180
ttttaaatat tgtaaatgat aacagttaat gatatacaca ttttagactga gttgcacact 240
ggcagggaga ccaaaaacat tacttccata cttgtgtcat gattcttttt tttttgagag 300
agtctcactc tgtcgccagg ctgggagtac agtggcatga tctcggtcca ctgcaacctc 360
t 361

<210> 3541
<211> 564
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. W52821

<220>
<221> unsure
<222> (1) .. (564)
<223> n = a or c or g or t

<400> 3541
tgtagattgc cagcttgctg atcggttaaca acattggaaa atacagatct gcaggagcat 60
gtacagctgc agcattcctg aaagaattcg taactcatcc taagtgggca catttagaca 120
tagcaggcgt gatgaccaac aaagatgaag ttccctatct acggaaaggc atgactggga 180
ggcccacaag gactctcatt gagttcttac ttcgtttcag tcaagacaat gcttagttca 240
gatactcaaa aatgtcttca ctctgtctta aattggacag ttgaacttaa aagggttttg 300
aataaatgga tgaaaatctt ttaacggaga caaaggatgg tattttaaaaa tgtagaacac 360
aatngaaatt tgtatgcctt gatttttttt tcatttcaca caaagattta taaaggtaaa 420
gttaatatct tacttgataa ggatttttta gatactctat aaatggntta aaatttttag 480
aacttcctaa tcacttttca gagtatatgg ttttccattg agaagccaaa ntggtacnca 540
gattggtgag ccagggaanc atgg 564

<210> 3542
<211> 511
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. W52858

<400> 3542
cacggccaaa atccataaag attataaaag caaactaagt tgtgaagcta tagtacatgt 60
aggcatttag ttaagtatag caattcaaac tgacctgcat ccatccaaaa caaattcctc 120
cttcaacctt atttttactt gaaatttgct agaagaaata gcaaaccgga aatttgtttt 180
atgcatgagt taataccact ggctcagcaa atacaagtta gtttgcttta agcaggtaac 240
tttttttgta atggaacgaa atgcactaca aagttaagac agatttttgc taagtgcagg 300
aggcccttta ttattgctgc agaaaacaaa agcctggctg agttgatgtt ttacattctc 360
ccttactgaa atctacatga catgatgctt cttgctgggt ttttgtacat ggtaaacatt 420
gggtcaagctg tgaaagaaaa tgggctggag gtgtgctttg gtgtggaaag ggtgagcaat 480
aaaggatatcc gggttaagttc cccaaaaaaa a 511

<210> 3543

<211> 577
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. W55903

<220>
 <221> unsure
 <222> (1)..(577)
 <223> n = a or c or g or t

<400> 3543
 ctgacagctc catcacttct agcaaggggc agctgcagaa aatgaaggaa tcttttagatg 60
 acgtgatgga ttatcttggt aacaacacgc ccctcaactg gctggtaggt cccttttattc 120
 ctcagctgac tgagtctcag aatgctcagg accaaggtgc agagatggac aagagcagcc 180
 aggagaccca gcatctgag cataaaactc attaaacctg cccctatcac tagtgcattgc 240
 ttgggacaga cagatgacac cttttgttat gttgaaatta acttgctagg caaccctaaa 300
 ttgggaagca agtagctagt ataaaggccc tcaattgtag ttgtttccag ctgaattaag 360
 agcttttaaag tttctggcat tagcagatga tttctgttca cctggtaaga aaagaatgat 420
 aggcttgtca gaggctatag ccagaactca gaaaaaattc aaatgcactt atgttctcat 480
 tctatggcca ttgtgttgcc tctggtagtg ttgtaaatgaa taaaaacatc ttcattgtggg 540
 ctgggggtag aaactgggtg tctgcncctg tgtgatc 577

<210> 3544
 <211> 400
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. W56642

<400> 3544
 aaaataacaa caaaatgtat ttaaaaacag acttctccag ttggcatttt gaatgaaatt 60
 gctaacaact ccaaccctct atatttgtgt tcttttgctc ctggagtcct cttgcagctt 120
 taattcttga aactcaggcg gcaaccagac attaaatccc caaaggagag gtattagtaa 180
 accttttgct ggctattctt ttccgaatgc aaatggacaa attcttaagc cctcttattc 240
 atttcatgat gatcattaga taaaaaaatt aagcctaact tgcattattga aaataaaaaac 300
 aaaaacacac acaaaaaaac cttgcagata ataaatatcg cttatttact tatttttaaac 360
 aaagtccaat tttatttact ctcaatatcc ttgcagtcga 400

<210> 3545
 <211> 251
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. W57821

<400> 3545
 gtagagatgg gggttttgcca tgttgccctag gctgatctca aatccctggg ctcaagcaat 60
 ccacccacct cagccttcca aagtgtctgg attacagatg tgagccacca cctacagcct 120
 ggccaagaac ccttttctct ccacattcc cctgggagca gaggataggc ctgatgattg 180
 ttttaaacag tagaaagggg tcagctaaga actacagtcc actctcagcc ctgtcatgta 240
 ctataggaca a 251

<210> 3546
 <211> 426
 <212> DNA
 <213> Homo sapiens

<220>
<223> Genbank Accession No. W57931

<220>
<221> unsure
<222> (1)..(426)
<223> n = a o r c o r g o r t

<400> 3546
tttttttttt tttttgggag gcaggagttg ctttttattg acttggaagt gggctcttca 60
gtgaagcccc tttggtnta agagcatttt cctgcttcct ttgttcttcc tgcaacttct 120
gctgcctgag ctgccatgct tgtaatccag cgtccatttc ctgtgacagc agtacaactc 180
gtcttgcaaa cgtctccctt tcagcttttc ttogaagctg gcctttcatt gggggagcag 240
ggcggccatc cgattatgac cagtctggga gctcggtaag gggcccgtaa gccgganggg 300
ttggcagcca agtccctgct gtantcgcca ctggccgccc gcccaagcgg ttacnttgca 360
gtgcaccctt ccggacacct gtgaagagaa cagtccctaa agcagccatg tgagcagcct 420
cgtgcc 426

<210> 3547
<211> 469
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. W58081

<400> 3547
aaaatttact gtttatttct ttgttacaca aagggtgtcc aagacatctt agtccatctc 60
ctatgtcctt ttggccataa ttacacacac aataatggca agctagatta ggagtctagc 120
tcagggtcaa gtttttccac tttaatgact atctctggag cttaaagcggc agaccagct 180
tggttggttct ctgcctctga ctccgacaac acttcttcct ttatttttac aggcttatta 240
ctggcctcct cctcttcac tgaagactca tcgagctccc attcatcatc taatgtccat 300
ttcaaatact ctcacatgac cgaagatttg aagcttaaca cacaggacac ttttcgaaaa 360
ccattcccag caacatactg tgctttcata ctttccagta atctccagt gcttctcaaa 420
atgcatgggt aacgggtggg aatagcacta cactggttca tctaggcct 469

<210> 3548
<211> 470
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. W58247

<400> 3548
cgaaaaaagg aacaaagcgt tactgaaaag aaggtaacct ttgttggatg tgggccttag 60
ctccaggtcc agactactac tctatgttct ccagaagggt gctaagtcac ctactgaaga 120
gagaaccaac tgactttcct attgactcat caggaaccag tcctcagtct ggtcaagtgt 180
tttcttattt gtgagcagtt caggctatct cctgatgggg atgaggccaa ggctttctta 240
tcttttggtt gtctctgctt aatggaggag cctggcctag gatggaggcc tggcttagat 300
ctttcattcc acctcaggaa tgaggttgtg atctttcctg tcctgacct ctctgaatta 360
tgtttcaata gtactcttga ttgtctgcca tggtgttgaa gcaaataaat tattttttaa 420
tgtaagtaa gtaataaac cttagccctg caaaaaaaaa aaaaaaaaaa 470

<210> 3549
<211> 357
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. W58520

<220>
 <221> unsure
 <222> (1)..(348)
 <223> n = a or c or g or t

<400> 3549
 atatagtagt accttttcaga actcacattg gcaagtgtaa aaagatgact taagggtgaag 60
 tgaggacaaa atcacattct gcataactaac ctatTTTTTT ctccctttta ggtgctaaac 120
 ttgcacctca tgtccactca gtaacaagta ttgggacgta gagcacagcc tcaactcagct 180
 ctgaaaggta atacagcttg tgaggaagtg agccagcagt ggcctttgca attgtggatc 240
 ttgagctctg ctctcagcag atttcaggtg taaccatttg ttaactgtac tgaagggtg 300
 tcctcaagaa gaaagtgttc aaatttaaaa aagctgctng ccaagtaaaa aaaaaaa 357

<210> 3550
 <211> 494
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. W58540

<220>
 <221> unsure
 <222> (1)..(494)
 <223> n = a or c or g or t

<400> 3550
 ctctggcaca ggtgtggaat aagtttttta gctgctaatt acaaaacaaa tcctgtaact 60
 acccagccag caagtatata gcacagaaca ctgtgttact ttacaagggc ttatgtgact 120
 ggaataaggt ggtccactt gactgttcca aagagcagct tctcagatct tcagtgttca 180
 ctggtaaatt tctaacagtg tatttgtgta aagtttgtca tttcatactc catacactac 240
 agttgctgtc actgatecct gttttgctgg cttttaagct acttgggtcaa aaatcctgct 300
 tccttaaaaac atagagaatt aatgagcatc tcaagctttt tcttttcctt tttaatgatg 360
 cctgcactat caagagtatt ctagtgttct ctctttggtt ggcatataat catgcaccaa 420
 actttttatt tctttaaggt gggagtatat ttttaattcc caaatgccat actatgaaga 480
 tcaaagtctt aagn 494

<210> 3551
 <211> 525
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. W58756

<220>
 <221> unsure
 <222> (1)..(525)
 <223> n = a or c or g or t

<400> 3551
 ggtttagcaa aattgttata atttctttta aataaccac agacacccat cgacacttcc 60
 aaattttacag agcaaaaaag tgatttgcag ctggttcctc cagggaattg gccccgaagc 120
 tggctcagtt cacctccagg acctcagctc ccgggaggcc gaacttggtc ttgtgcttgt 180
 cgaagagctt caccagggcc tccatgtaca tgggtgtgta caggctgatg tcttgctggg 240
 ttgggtgctc cagcttgggg atggtgatgg gctctccac aacagtgggt gatgggcttg 300
 gtagtaggca ccagcccccag aggtgtcgga ggaagaagag gcctcgacca tggaagatgc 360
 atggggcgaa accaatgtat ttctnngaac ttcttctggg acccatcggc cccaggagcc 420
 ctctcgaag atcacctgct ttgtacactt tcattctctc ccaaaggggg tagatgggaa 480
 ccaggtcagc tcccatgacg cagggccacg ttttnaaaaa aagcc 525

<210> 3552
<211> 459
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. W60002

<400> 3552
tttttttatta tgtaaagcc tttatttgaa ctactacatt gctaccagat tacatcactt 60
ttcagagttta gagtaacata ataccttgga aactatagca aacagcttga caaagcaaga 120
gtacattaat tcctacatat atacttttat ttttagtgac cacatttctt tgtttcaggt 180
gtaaaattaa aaaatatatt gtacacttag catacttggc ctaccaaatac ccggtctaagt 240
tctgagcaca ctctctcctc aaaagtatca tattcaacag catttttaaat ttagagagag 300
agtttgatga tacaggtttt aaaacaaata agcatgtatt gaaccaagtg atttaagaca 360
aaatatttca attgtttaca gcttgggtat gagagggaag atgcaaattt aaggtaacatt 420
tttctcttag ctacgatggg atgttttact tacctggat 459

<210> 3553
<211> 428
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. W60097

<400> 3553
tttttttttga cttttgaact ttttatttta gtaaaatcag aataaacaga gcacatgcag 60
tgccagcattc taaaactaat acaataagca attactgaac ttttacagt actcgagggt 120
caatgattac attcagcaat tccattcttt atttactcga agaatactgc tggctgataa 180
aaccgaatgt taagtcactg acagaaataa ccatgtttga ggactgtaaa tataccagac 240
aatcactgaa aatcaaacac aacaaaacac ataacaaaac tcaagagaaa ctttgtggat 300
gtggacactt cctatcagtg ttcagaagtg tttcattaat atcttaagac aagtatatca 360
aaaccttggc atgttttagt ttcaagttga caattttgtc ttaaattttg gtcagaaaat 420
tacagcta 428

<210> 3554
<211> 98
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. W60186

<400> 3554
aacttacaaa caaaaataacc gtaataataa acccaaacia agaccctcag cttgctgcca 60
cgttctctat gcggtttggc ggggcggtga ttacaag 98

<210> 3555
<211> 431
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. W60486

<400> 3555
tttgaaaaat tgaccggtt taattattta aaaacaaaaa acacatcaaa tttcctttac 60
catctacaat tcagttatat ccaaactc taagacaaaa cagaagcagg gatgacaatg 120
agacactgaa gacacacgaa ggtgaatgct gaagaccatc agagtcccag caggaggtca 180

```

cgtctttcat tcagacgctc caatgctttt catttcagtt tgttaaagaa cgtgttttac 240
aggaagtctt ttacagtaat ttcattgccag acaccagggt tcttcgatgg tacacagctc 300
catgaaattt gtgtttccat ccagttgaca ggaataaaaa ggaattttta tttttgtctt 360
tttttgggcc gtagagacgt aaaatgggtca gattccttta ggaataaatg aggaaaagga 420
gaggaaagag a 431

```

<210> 3556

<211> 439

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. W60968

<220>

<221> unsure

<222> (1) .. (439)

<223> n = a or c or g or t

<400> 3556

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tgatttaaaa aagatttatt tacttggtga atatttatta gtagtagtag taataaatat 60
aaccgccgaag ccacaaataa ccttaggatt ctctcagctt taatggcagt agagtccagc 120
ttcttaatat tttgcacaaa atacactcaa ggaggagcta tccataagac taatagaaga 180
cttttgtctc cctgaccagc ctctctaat ttcatatggg aaacacctaa cagccataaa 240
gtgatgatct gggagtcctc attagagatg ggctggacat gtcagaaaagc tgaagaaaga 300
aatcaaccta tttcgtgaac cttaccatct aaaattgtta gtctgtgtct tctaaataaa 360
cagagacctt tttctcttgg gttgagccnt tcccccttcc ntttggattt tatctccacc 420
acttttatgg aggctcctt 439

```

<210> 3557

<211> 607

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. W61000

<400> 3557

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tttttttcat ttttgcaaca ggcttttatt actttttttt aaaaccata taagaaagac 60
atttaaaaag aaaatatcct ggaaacaaac acttacacac tgagcaacac aaccaaagaa 120
ggcactacca gcagttactc ccacctctgg gagggaacag gtactcgata ctatactttt 180
ttcagagggt tagacctcag cataggcctt ggggtctaact gtgctttagt aaagtctgaa 240
ttgtccaata atttttctcat ttcataaaca cccttatctc tttatatata gctatatgcc 300
tttatgtgta tatatacatg actttttttt tccttctcaa aaataaaaata gccatcccca 360
tagagggagg ttctcagcag cattcacagc gggtgcagca ggagccatgc cttctattaa 420
tgtagagagc atgcaggacg aggaaaatga ctctccacct gctcccttta atatacagca 480
gggagagagt tctaaagggg ggggaagtgat aagggtgagca tgagatggta accaggggtt 540
tgtggttaaa aaatctagag tgcgagctgt gtgccttgaa ccctggagct atgccagtca 600
tcgcgag 607

```

<210> 3558

<211> 321

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. W61319

<400> 3558

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ggcagaagac aaaagcaggt ttattagggc cctgggcagc gaatgcctaa gatatgagtt 60
aaggccaggg cgtcgagaaa aggtgactct cctgaggcca aacctttgca tctcagaagc 120

```

```

cctggctgga gaccttagga gtcagttctg ggagggacct ggggatacag aggggtctct 180
cctgaccctg ggatcttttg gcttttgcca ggattgggga aatgatctgg ggggcaggga 240
gccttgaatc cacagccttc atttcaataa cgaccattta atttgttcct tggcagactg 300
aagaacctgg gccacactct g                                     321

```

```

<210> 3559
<211> 458
<212> DNA
<213> Homo sapiens

```

```

<220>
<223> Genbank Accession No. W61377

```

```

<220>
<221> unsure
<222> (1)..(458)
<223> n = a or c or g or t

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```

<400> 3559
ggcagcctgg aagaggaaca gaagcnggnt cgggggtggan tnagaatact anncttagct 60
tgagacattt tgcaataagg aagctatatc tagagtgtct atgtgactca cctaaggcca 120
ctcaacaagt ttgtggcaga actggattag aactgcacag aaaacagcca agctgggatt 180
tgaacccatg tagtccaact ccaaggcctc tgcccctaac cactgtgcca taccacctcc 240
caataatcaa cagcaaaatt ataggtctaa caatgtttta tagacacccc tccatttatg 300
tgatggggtt gcatectgat aaacccatca taagttgaaa atatgatcat aagttgaaaa 360
tatgatcata agtcaaaaat gtatttaata tacctaacct accaaacatc atagcttagc 420
ctagcctgcc ttaaacatgc tcagaacact tacattag                                     458

```

```

<210> 3560
<211> 436
<212> DNA
<213> Homo sapiens

```

```

<220>
<223> Genbank Accession No. W61378

```

```

<400> 3560
cagtagaaac tgtacttcaa atattgaatt tttattcaaa attctttata actttattac 60
aatatagatt ttgtgttgga tagttttgcc cactgtaggc taatgtaagt gttctgagca 120
tgtttaaggc aggctaggct aagctatgat gtttggtagg ttaggtatat taaatacatt 180
tttgacttat gatcatatct tcaacttatg atcatatctt caacttatga tcggggtttat 240
caggatgcaa acccatcaca taaatggagg ggtgtctata aaacattgtt agacctataa 300
ttttgctgtt gattattcgg gaggtggtat ggcacagtgg ttaggggcag aggccttgga 360
gttggtactac atgggttcaa atcccagctt ggctgttttc tgtgcagttc taatccagtt 420
ctgccacaac ctggtt                                     436

```

```

<210> 3561
<211> 327
<212> DNA
<213> Homo sapiens

```

```

<220>
<223> Genbank Accession No. W63608

```

```

<220>
<221> unsure
<222> (1)..(327)
<223> n = a or c or g or t

```

```

<400> 3561
aaggatgact cagcagggat gattcagcag agataactcg gggatgagtc atccctgctg 60

```

```

agtcattgtct gttgaggggc agtgctgagt catccctgct gaggctgctg agtcattcct 120
gttgaggggc aatgctgagt catccctgct gagccatccc tgctgagggg cagtgtgag 180
tcattctctgc agagtcattgc ctgttgaggg gcggtgctga gtcattcctg ctgagtcattc 240
cctgtctgagg ggcagtgctg agtcattcct gctgagggga agtgctgagt natccttgca 300
gttcattcctg ttgaggggc aattgct 327

```

<210> 3562

<211> 444

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. W63728

<220>

<221> unsure

<222> (1) .. (444)

<223> n = a or c or g or t

<400> 3562

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tcactgtgat gaaatcactt taatgtcctt gccaaaggaaa tgcccaagac actggcagggt 60
gggcaagtaa gtgtccagat gggaccccg cagctctgtct ccactcagca gtgtccgcac 120
gccccaggcc agcaggcgnc cctcctcctg gcaacactgg tcttcctgag ggcagcccggt 180
gctgggggtcc cagccttcgt ccattagtgt tgtgggggtct ctagaactca gtcattcttct 240
tgtgggtgtc tgcttctctc tgctcctgct gcaggccggc ttcttgagcc cggagctgcc 300
ccagctggcg ctgggtcctt gccagcttct cctgcagctg ggctgacgcc acgctatgcc 360
ggccagcggt gcgngcgaga ctcttgatg ctcttgatgt cccgctgggt tcgctcgatc 420
ttctcctcag tctggaagag ccgc 444

```

<210> 3563

<211> 519

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. W63741

<220>

<221> unsure

<222> (1) .. (519)

<223> n = a or c or g or t

<400> 3563

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tagtcaagca attttttccc tttatttttg ttaaataaga ttccagaaa tatagtgcac 60
acactcagta gaaaagttgc aattaagaaa tgtacattca catttaacat ttcagtccat 120
tcactttttt taaaataaaa ataggacaaa ttattcaatt acttgtctca atttaacaat 180
cttgaaaaag actggaagggt accctacagt gttcagttga cataaaaaata gaccggtatt 240
gatcatacaa atctatcatg agaagttacc cagtgcaggt gagttattgt aattctgaat 300
gtactcatcg tgtttctcac ttctacagaa gcattcctcag tgagttgtat tgtgcgagaa 360
aatgacaccc ttgcccacat cactctccat tccatagagg gacacaaccc tatctagcca 420
aaccagaag aacgcaggcg cttacacaac ttttctcgga cagtcgagaa aatccaaaag 480
tgggcttttg gcttacttaa ataggaatgg anctcgtgc 519

```

<210> 3564

<211> 495

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. W63785

<220>
 <221> unsure
 <222> (1)..(495)
 <223> n = a or c or g or t

<400> 3564
 agtaattaaa acgttatttt cttttcttta aaaaatggaa ctaaaatacg cttcctatta 60
 acttctaccc tttgtcctac accaattgtc taggaccatc caaaaaaacc taattctttt 120
 tctatgttag aaatatattat taaatgccta ccatactagg catggaatga ggtacaaaga 180
 tgaaacaatc cctttaatta ggggtagaaa gacaaaagca taaatttcat aacagagcta 240
 tacaaaatct gtagcgagag taatcacaaac taccagaaaag tctgagaact acctcaaaat 300
 aaacactatt taagatgtat gttgggagaa tgggtaaaat atcagcaggg tccagggtag 360
 aaataaaaag atactccaga cattcctggg aaagagaaca gcatacataa aggcaaagaa 420
 tgacaaaagg cttaatccac ctagaagaca taaccattat naatatattg gcacctgaaa 480
 acaggcttaa aaaca 495

<210> 3565
 <211> 422
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. W67147

<400> 3565
 gcacagtctt acatatccca gtcaaggtct atgaatacag accctcaaca aacaggaagc 60
 agcttttaaaa atgtatcaaa ttgctatagt caattcctac actccagctt gtagttttct 120
 ttgttttcagg attagacaca gaaccctatc ttcaaggact cggcaaaaagt tctagaaaca 180
 aacaccatgg tgggtggaagc ggttgcggtt cttcagtgat cacctagatt tgggtgtctt 240
 ggttttcagt ttctgggttac tgaaggaatc ccggtatctt acaacttcag ctgcacacaa 300
 atgtccaaaa gatttttgtgt accattctgg catgtggccc cttaaagtca actctgcaca 360
 tgtaggtgag tttggatttt cctggcccac agggttcaat caaataacctg ggacaaagag 420
 ca 422

<210> 3566
 <211> 455
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. W67199

<220>
 <221> unsure
 <222> (1)..(455)
 <223> n = a or c or g or t

<400> 3566
 tgcattgaca tttttttata tttggtattt gtaagtcttt aaaaaaatgt tttcaggcca 60
 ttttttcctt aaaaaaaaaa aaaagcaacc aacagcaata ctctgtacaa gtataacaaa 120
 cattagaaat atgcatcatt ccaaaatagt tacaggaaaa ttacagttta gaggccacat 180
 caacacatcc tatttgtatg tgcccccaag ggagaaaaag ctacagtatg ttaaacaacac 240
 agctgctaca cagtatctg aaaacccagg acttaaaact tttgaggcaa atcaacaaca 300
 gtcaccaaga cttgtttang ctcaataagt acaatcaagc atttcaaaaag agaaccaggc 360
 tttttcatcc cagatgaaaa acacacgtga tgggctgcat agctgacccc cgcccctcga 420
 tccccaaccc ccgggagcct ctgactcaac agang 455

<210> 3567
 <211> 406
 <212> DNA
 <213> Homo sapiens

<220>

<223> Genbank Accession No. W67251

<400> 3567

```
caatttagtc actatttatt atattgacat atttacaaaa taatacaaag tgaaatacca 60
ctctaattca ccatattaca caagggtctg atacaggcaa gacaaagtat atggaaaaca 120
tttacttctg tctttggtat tagaactcta cacaaatctg cagcatttaa attttccaaa 180
acaaagtatt aaacgtggac aaagatgtaa ttggtaatgt cacaaaaagg ggctccaata 240
tcctctgcta ggaaaccccc aggcccatga aatgcaacag gaagactaaa caccatttat 300
aaggagaggg tctattgact aaaataaaca atacatgcta caataccatc cacaggagtg 360
tttctgcttg tgtgaggctg ctccctccat aacaaagttc ggctga 406
```

<210> 3568

<211> 413

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. W67564

<220>

<221> unsure

<222> (1)..(413)

<223> n = a or c or g or t

<400> 3568

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tgtttcatat cttttattac aaaaatcaat aacttaattc agttctgtat aaagtcgata 60
ggacttcttg tccaataagc agcctaagct ttcattctca tcccaagaag ggacaggagt 120
cttggtccag aggtgtgtgg gaccaccaa agcctcccag gcagctggaa cactgtgtcc 180
aaaccaagga agtccaatgt ggggtgtggc tgagtgaaga gctgttccta aggagccaag 240
tgctgtctat acaggcttgc ccctccagga gcattgggtc acctctgggg atggccaggc 300
tgaatcagca ctgccagcct ctgccacct gatctntgcc ctggggcttg gaacaagggtc 360
acctgaggca aaaagcattg tcccccaaag aagggncagc gattttaaca tct 413
```

<210> 3569

<211> 499

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. W68721

<220>

<221> unsure

<222> (1)..(499)

<223> n = a or c or g or t

<400> 3569

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ttttaagtta aacacccata tgaatttatt aaatccagac tgtgttaaag ggcggcggtc 60
taggaggggg agtgtggtag ggggacgagg gacaagatga tgaacggccg tggnatcccg 120
tangggcgcc cggcccaccc ccgcccaccc caccctctcg gcaacgctgc atcagcttca 180
ccatgattcc cagtgggtgct gggctggcag ggcgagatgg ctggaaacac agagggacag 240
agggacagac agcgctcca caaacaacc ctggcctgcc ccggccccta catcacacgc 300
tgggccctga cctgaggcgg gctcccacc gcccggcct tgatctgtcc agggaaaggg 360
cgacattgga ggggagggga gggggccggg acgcaggggt agtggtcgcc aggaagccgg 420
agcaggttag gaccagtctc gactaatcct ttttcttgct ctctgctggc tttggagggg 480
ctttcttggg gctcgctgg 499
```

<210> 3570

<211> 473

<212> DNA
<213> Homo sapiens

<220>

<223> Genbank Accession No. W69302

<400> 3570

```
gctttcgggtg gttccttggg gactgggaat tgcttgtgtg catgtgttgg gtgcatgctt 60
ccgggtctca gctgccccag gccgcacag gcaacccctt cccatccaaa gccattggtg 120
gagcttctct ggaatcattt gccaaaagcc caaggcagaa tccaagggtc caagaccatt 180
tccatggagc tcatgttttt cttttctgta ggaacttttt tttaaccagc acccaccata 240
attccgaagc cacgtttcat ctttcctgga tctactacagt gaagtattac acgttgtaca 300
cgttcccagt ctggccttgg cttgctcgga taaaactttg tatgtatttt gtatggcata 360
gattctatat tgtaatgatg tcctatgcaa aaagagaaat taacgaaatt gtaaatttta 420
ttgttttaac gtgtatgcat gtttagtgac gtttacattt tgaaataaaa ttt 473
```

<210> 3571

<211> 476

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. W69468

<400> 3571

```
tcagcagcat ttcacgctat ttattcccca aaaccttctg ccatagaaga cagccaccat 60
acagattgga aaatgtggac gaggagaaaa ggggtgtatg gtaagcaaaa taaattgtat 120
tttccatcct tggggaggat aaaggaactc tttgcactgc tataatgaac agcccccaaa 180
tgccagtggg ttaattcagt ggagttcaga cctcattcct atatcattgc agtgtggatg 240
ctcctggatg aaggctcttg taggtaactc tcctccagtc ggtgattcag ggaccagcc 300
tccttctgcc ttgcggcttt gcttttaaag gtccctcagg tgctctccat gtatcttgcc 360
aatggggaac gagtgtggag gactcacaag cgggtctcac atcacgtcct ccgggggctaa 420
tacacatccc ttctccccac actctgttgg tcagaagtca ctgcttggcg ccctgc 476
```

<210> 3572

<211> 445

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. W69675

<220>

<221> unsure

<222> (1)..(445)

<223> n = a or c or g or t

<400> 3572

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tttttttttt tttttttttt ttgccaagga cagcgaagtt tcattttattt gtgcaaatac 60
aggcatgagc aagaatgttc taaacaatgt aacgatttcc agcattgatt acagaatttc 120
ctctgatcat ttgatttggg tatagatgaa tttaaacttc aatttaagct tgacttttaa 180
aactccccct ctgcttccct atgaaccagc ataattccta aaattacacc taaacaagtc 240
tgtcttgaca cattgggggt tgcctttaga aacattttaga atctagtatg ggcaaggcgg 300
ctggaacgag gtttgggatg ggcacaatga tttatgctta agttctgttt tggaccactg 360
gataccaaaa tcattgggtc atttccattt ttaaggggtt tccataaatt ggtagccaat 420
taatcctcng gaaacanttt ttgnt 445
```

<210> 3573

<211> 428

<212> DNA

<213> Homo sapiens

<220>
<223> Genbank Accession No. W70115

<220>
<221> unsure
<222> (1)..(428)
<223> n = a or c or g or t

<400> 3573
gacctttatc aataggactt attttaatga ttaccattac agaaaggagg ttggttaatc 60
cccaaagatt ccttatctgt gaaatgagga aggttacaat aagaatgtga atagagtact 120
aacaccaagg aagtgaaaat actaacctca aactcccatg taagcatttg ggggatacgt 180
gtagtataaa gtacaaaata cacagttaa taagagccac ccaaatagca atctttatat 240
tcattcctta tctcctttgc acatgaaact ccttggttgg tttaatcacc tctacaatta 300
atagctgaag accctattng actactcttt actatggatc caatttaatt aggaagaaaa 360
aaaaaggcag cttaagggg acaaatttat ggacttaaaa atgggttatt ttaatggaag 420
ggcattag 428

<210> 3574
<211> 128
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. W70131

<400> 3574
gttttttgac ttcatttatt atataaggaa cctaactcaa attggcttaa gcaattaata 60
aatgtttatt gttacattgt tgtaatgtgg ctggaaatcc agaagtcata caaatctgtc 120
aggattgg 128

<210> 3575
<211> 144
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. W70313

<400> 3575
gcatgtgcaa aacaccagac acatacagaa acaattagga ttctatgagg gcagagaatt 60
tgtttctcta aatggggctg ttcaatgttt cacagagcac aaggacaaga aattcaatat 120
ttttgagcag aaggaagaac tcac 144

<210> 3576
<211> 141
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. W70336

<400> 3576
cttaataaaa aaaaataatt tattgtcaac aaaggtgata tataacaacag gaaaacagat 60
gtaaatgaga acgggagtga atgggggtgcc caggcccagc tttcaggcct ctgcaggggt 120
gggacaggaa gaggtaatgg a 141

<210> 3577
<211> 490
<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. W72044

<220>

<221> unsure

<222> (1) .. (490)

<223> n = a or c or g or t

<400> 3577

```
gactagaaac accacacggt taatgcagtg ccatatgcac tctccttttt acaaggcaat 60
cacagattga aattccatag ggctgtggca aaaaacagtc atctctattc tgtagtaaca 120
aacaacaat tttggctcac taagattgaa atacatggca gacagggtatt cattcttaga 180
tgactatgga tttcgaaata aacttcataa actgaggtga aaattccaat atatcgaggt 240
gtgggaacca agacttttca ttgccttttg ctcagtaaga ttgtctacac aaactgccac 300
gggaggaatg acaagcagtt gacccactgg tggatacaca caccgtgtga ccatgtaaac 360
acgccactgc aggacggacg agcgtgaccg tgaagcgtgg ccacncgcga cccacttag 420
agtgtgacct tctataatc actgctgctt ttcttggttt tgggtttttt ttttaaacac 480
agccctattt                                     490
```

<210> 3578

<211> 212

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. W72079

<220>

<221> unsure

<222> (1) .. (212)

<223> n = a or c or g or t

<400> 3578

```
tccttttaat atgaggaggt ctgggtgtgaa gacagatcaa gcatgggtac ctggcttgaa 60
cattgtccat taagaaaatg tatcagtcct cgcatacatc cagtcaagggt tcaaggaaaa 120
tgccctgac ttgcntgtgt tctcagagtg tcttcgcagc acagtttntg aaattcaaat 180
agtngttttg agacaaaaat nccgccaggt ac                                     212
```

<210> 3579

<211> 378

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. W72187

<220>

<221> unsure

<222> (1) .. (378)

<223> n = a or c or g or t

<400> 3579

```
tagttagaat aagtatttaa tcgtttacta ggtgatctaa atcagtgatt ttcaaatagt 60
aagggagggg catgatgtat ngtaatttta catttggaaa agaaaaaggg aaaaaaaaaa 120
aaaaccttac cagttgagaa accctggtct aaagataaag cttatgtngg naataatcaa 180
gaaagggaga tatttgagaa gggaaaggga aatacatcac ctcacgaag tctcctctca 240
caatatgaac atcaccagcc agagtcttga gatagtcata actctctttg gtgcaaagggt 300
ttcctgtgca gagaatgtgc tgaatttttc ctgggcacca ggagtttttt gaatttagct 360
ggcaaactgt tgcaccgg                                     378
```

<210> 3580
 <211> 450
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. W72276

<400> 3580
 tttttttttt tttttttttt tttttgaaag tgacaaatta atatatttta ttgcataatt 60
 ctgatgggaa aaacatagct aaaatagtg ctttgggtatc ttatttacag tcttctagtc 120
 cgtcatctcc ctcttccatt ttatatcaag tttcaaaatt ggtttcatgg taataaaaatc 180
 aaagtgttag acctctgcca tgccctgatg tagagttttg ttgaaacggc cccagcgaaa 240
 aacagggagg ccaccttgta ctgtgggacc acttatggca taggatgtgt actgagatgc 300
 taggtagata tctgccacct ttgtgtcata acaacctcca ggacttgggt taggtgagtt 360
 caggtcctca cggcagcaga tgggtattaca ggggtcacct ctactgtaag gatccttctt 420
 ataattgttg tatcgcatga tatatttcat 450

<210> 3581
 <211> 577
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. W72382

<400> 3581
 taagagaaag aaaaatcaaa tttttattaa aagtaccata atacagaccc atttcaagta 60
 aggacaaaca caccaacata tttcttagta gtttcctcac aatagattat taaagcatag 120
 aacaattatt catattcata aagaaatgac ttcaaaatag gttaaattgt tttccatcta 180
 ctctgtttta taaggcaaga acaaatgatt cacttttagac aaatagtctc atcaaaaaag 240
 ggctaaaata gtaaagattc atcacctaaa gtggtaagct ttggatatct gaaatataaa 300
 catgttagta ctctgatgat cgccagataa atgaatttag gcaagaaaac acattgttac 360
 aaaaagcctg ggttctaaat caggattact gagacactaa caatttcaga tttttgcctt 420
 cattccaaga agcaccaacc cagttttctt tagactggcc tgggctgggt ttggggccaa 480
 gatctagtcc aaatggtagt ctgccagtgg atgtaggtaa ataagataga gggatgaaga 540
 aaaatttagc atcccgcag ctgaatatcg ggttcgc 577

<210> 3582
 <211> 467
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. W72471

<220>
 <221> unsure
 <222> (1)..(467)
 <223> n = a or c or g or t

<400> 3582
 tttttttctt aagacaatga tttttattac ctttagtcta ccacatttgt cactataaat 60
 atacttattg aaaaaaaacc atactattta aataagaatt cagttcatga aagtttataa 120
 aatacaacca atgtactctg acttgtgggt atatcttaac tatctcaact gtacttttct 180
 ggtatggcca gaccttttgc aaatattacc atgggtatatt aattttatga tataaaacag 240
 tagcaattta ttaagtttcc cattataaaa attaatatgg taattctcaa aatactgaaa 300
 aaactgtttt atcgaaagca gtacccacat cactgcaacg tatttccttt ctcttagaaa 360
 acatcttcca aaaggccat ttttaattacn agtgggttat atcnaaagga tagtagtttg 420
 gagggttttg aatttccagg ncaattttcc cnttatccnc aaaattg 467

<210> 3583
 <211> 259
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. W72861

<220>
 <221> unsure
 <222> (1)..(259)
 <223> n = a or c or g or t

<400> 3583
 gaaacagttc tctttacccg tgatcactga gtgacgcctg gggggcgagg ccgaccgaga 60
 gtctggggcg agggctcccc caccgtcccc ctgccccac gccacgtcgc ccagcggcat 120
 cgtggaaaga ggattctccc atgcaaacc cggagccaga ggagaagggg aagcgccatt 180
 ctgcgcccc taccgccggg gcacggacac ggccacagca cggggggcgg tgaggccccg 240
 ggacacgaga cacngggg 259

<210> 3584
 <211> 449
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. W72972

<220>
 <221> unsure
 <222> (1)..(449)
 <223> n = a or c or g or t

<400> 3584
 tttttttttt tttcaaaaaa gtaggcaagt actttgcttt attgacatca aatggaactt 60
 cttgtccctc acgcagtcca cacaacagta aaggcacaat gaggcattatt aaaacatagc 120
 cagtttcaac agcttgata tttcctgcc tggaaaagta tcctgcccac agattcacat 180
 taacatacat ggtacattaa tatcaatctc tatcatatac caggccacgg tacatgtttg 240
 cacgcagggt cacgttctgc aacaaactta ttctaataac agtattcaga aggcaccta 300
 tgggacacag gtgacagttg aagttacgag gctagatggg ccacatcttt tacatccaag 360
 aaccgcctc gggncacacc ccaaactggc tngaggtgcg gaggcnggtt ctgcaaagca 420
 gggtcagaaa cactcccccc ataccccaa 449

<210> 3585
 <211> 359
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. W73038

<400> 3585
 tttttttttt ttttttaaaa atcagatggg gactttattg tgatgggtggc aggtccacca 60
 gcagatgcaa atgtggggtg ctgagagtgg caacacaggc caccctaaac caacttcact 120
 cctccctcgt tctcagcca gtacagaagc caaatgtagc cccagcccta gactccagcc 180
 caggcagagt ccaagggagg ggtgtcaggg tcagaagtca caggagccc agtgactatc 240
 aaggtggctg agagcaaggc tagggtaggg atggggcaga gaaagggcag ggggtgcagc 300
 ccaggtggcc caaagcaaca cagaggagca agggctggca ttcaagtcag caggtccct 359

<210> 3586

<211> 498
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. W73189

<400> 3586
 tttttttttt ttttttaaat ctgcgccttg gtgtattgcc taagtcagta agcagaaagc 60
 accttcttcc tggagaagga tcaagtcctc aaaaggtagg aaatgtcaaa gtgtcacttc 120
 attgtcatta aaaaaaacca aaaaacaaaa aacaacccaa caaacaaacc ccctaaacca 180
 aaaccaccct gtgacaaaaa tcccccgag tccaggaatt gctgtaaaca aaccagatg 240
 caggatcaac cttctcagc ggcagtcgga gctgacggca gtcactgcag tatcagtcct 300
 cgaggcaggg gctggcggga gtgggcacca ggagggccag gctgccaggc tgtgcgcgtg 360
 atatgtacct ggagctgcag acctgggggt tgcccatcct caggaaggct gacctttctg 420
 ggggtcccgcc gttctccctg acccaggagg acaaaagccc tttcagccct gtgagccaac 480
 aggagaaacc ctcgtagc 498

<210> 3587
 <211> 445
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. W73194

<400> 3587
 gaacgttaat atttttatatt cttttgtaat gaagagtaca aatggttggg agcaggacat 60
 cacaggagga ggaaagatag cgccatctct gcagaagaac tcctgagcca cacacagaag 120
 gaaagttgat cccagggca gcctttccca ccaaaaaaat caggcccaat ccaggagagt 180
 ttgccagtag ctccccaggg ttccaggggtg tctgccagcc ttcctaggaa tcgtgggcag 240
 gcttctaggt gccagtgcact caaactcctt ttcccacttc ccagttcaac ctgggtcactc 300
 tcatccccac aagttcccaa tctgaatccc attctctgac cattctctgc ttccttggtt 360
 ttaatctcat ttgagagtga tcctcacggg ttccccctggc ccctgcactc attttcctta 420
 ctgggtatgc taacgttcct cgtgc 445

<210> 3588
 <211> 416
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. W73382

<400> 3588
 atatataaag tattttatatt taatgcacat atttacctac aaaatttaca gaaaataaaaa 60
 caaagcagaa tatatagaat accctcttaa gacttcttag gagctgaggg ttttattgct 120
 gcagttcaaa gaatcaaatt ttatacaagt gaaagctaag atgaacacat ttaagttaaa 180
 tggcagcctt gttaaaaagc ttttttatcc tgttattgaa ttttcagctt tatgttaaat 240
 gaaattttaa agattgctca tgaaataatt taaacctttt caaatctaa taaacaggta 300
 aaaggcacct ccagtacttt aaaatattta cagcaatccc aatagtttaa ttttaagggc 360
 tattatagta catgcgggcta ttatgcatac acagtatggc cattaacact ctctaa 416

<210> 3589
 <211> 425
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. W73601


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<400> 3589
aatatgccac aattttttatt gcaacgtggc cattttttgt aggggtgggga gtttgccttc 60
aaaacaatgt tccattttaag gctcttttat acagaaattg ccatcatgac tgatattcaa 120
aatatcttta gtgttgacagg actcacatgg taaacataaa actcctacac ttattcagta 180
gtgtacactc aatggaaaac aaaaaggcat taataacagc tatttctttt aagaagatat 240
gcaggtaaca ggaatgaaca ctgagggtact aggataagtt gatgacacag ttaacaaaac 300
ttaattggca ttcttttttag gatattaaac ttattacaaa aagtgcctttt aatgcatagt 360
gttatatccg tgctgccata tcactaaaat aggccttgcca aggcagggtg aggtgtatga 420
atgctg                                           425
```

```
<210> 3590
<211> 490
<212> DNA
<213> Homo sapiens
```

```
<220>
<223> Genbank Accession No. W73818
```

```
<220>
<221> unsure
<222> (1)..(490)
<223> n = a or c or g or t
```

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<400> 3590
ctgttttagcc atcccactgt aatgctgcac taagccttga gaacaaagag aatcacgcaa 60
ctgggaaacc aaggctttgt gatttttcagc caagccaaac atgggtcactc tgtcaggaaa 120
gccttggtgact catccctgac tgactggctg tttcagtgag ttctttcttg gcttaaaaaa 180
aagagtggaga agaagagcag ttgtgtgggt tgccctgtggg gacttgggca atggggggtt 240
gtagagccaa gtggccacca tgataagcga gactgacttc cctgtgcccc gacatttggg 300
aggaggcagc acccccagca cacgcctgag gttcaccagc ccctggncct tggcacagat 360
tcctcccttc tttgcctgga acaactgttt ctgttcccca cccattgtg tcctccagga 420
ttcacccgtg agatcaccat tttgataagc taatctgcag cgggtgaagcc ttcaccaagt 480
ccctcgtgcc                                           490
```

```
<210> 3591
<211> 566
<212> DNA
<213> Homo sapiens
```

```
<220>
<223> Genbank Accession No. W73889
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```
<220>
<221> unsure
<222> (1)..(566)
<223> n = a or c or g or t
```

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<400> 3591
tcctctccgc gaactngcac caacttttatt tgcaaaaaga ggctccaagc gcacggagag 60
gatgggggct gcaagggtccc caccctcctc ccggcctccc gcggctcctg cctcctcca 120
ggccccccac ggcccccgcc ccgcnagcta cacgatcccg aactnggcac nctntanggc 180
agctgatcgc ggcagctntg ctggaaccac ttgccgttgg cgcgcctgac aggaccgcgc 240
agttctcggt cttgccgcca tcgggttgcg cggtgatctc agtctcccag ttctttagg 300
cgatgcgggc gccggtcatg tccaccagg tgccctcggn cgccatgtcg ttgaggccca 360
gccagatctc ggctcgttg cccacgctct ggccgaggta ctcatagag gcgtcgttct 420
ccgagccagt ctgaggggtg ctgaggggtg ccgcgcgag atgcagttct cgctgggctc 480
gtggaangtc ttctctggtg tgaaggcaga aagcatttta tgtgnacttt ggttccntt 540
nagggaanac gtttgaaggg ctgctg                                           566
```

```
<210> 3592
<211> 425
```

<212> DNA
<213> Homo sapiens

<220>

<223> Genbank Accession No. W73914

<400> 3592

```
cttattaata tgtttattga gattataaaa tataataagt tatatatata cagaattaga 60
caaaaataat attgacaatt aagacttcac tgtctaaggg ccacagacct accctggggg 120
gttttctaaa tgttttaaa gattgcagaa ttatgaatat ctccacacaa aaatggcagg 180
atggagtcct agctttgggt agtgagaatt attatgatct cattgttctg aatcccataa 240
cataggctaa agcttgtcag agtaaatccc atgtttccaa ataagtaa gacaagggaa 300
tttgtaacta tataaggaat agctccctaa aaatggcagg tggagagcca atggaacatg 360
agctgacact ggctggcctt acagcccag aattctaata gtgtgaaatg aggccaaagc 420
accag 425
```

<210> 3593

<211> 415

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. W74158

<400> 3593

```
tttttttttt tttttttttg aatttttaaa accttattta ataaaagggt taaagataga 60
gaagaacatt caaaagtaaa taagttacat aggtacatta caatcacatc agcaagattc 120
tttagtgtat taattttttt cttataaaaa gcacacaaaa aataaaatct tcagtctcta 180
tcacaactgt acagcaaaac gaggtaatat ttatatatgt acactatttt aatactgtaa 240
cacgtctttt taaaaaagga tgccacagga gcaaacacac aaaaggcagt gtctgatcat 300
ttttgtttca aaataaaagg aatatactta tttatatgct attaaaatat ctgtacaata 360
attacagact gtcaaggctg ttcctgtgct ctgggtcccct ccaacaaagc cttca 415
```

<210> 3594

<211> 429

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. W74233

<220>

<221> unsure

<222> (1) .. (429)

<223> n = a or c or g or t

<400> 3594

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ttgacgttgg cagtgcacatt tatttttctn nggggagggg agttatatac agcagtgacc 60
cggagccccct cacccccacc aggcttaggt ggggacagga ggcgttggca gaaggcacac 120
agtggcagta gccagaagag gccaggaagt aagggtgggt atgtgatgtg tcctgggaga 180
cccagatgag gaaattgagg ctcatgtagg gcctcaggtc acacagtaag gtgcgaagga 240
gctagtcccc agagcttgtg gtggttgctt ctctcttgcc tgggctacag gaggacgcag 300
gggcagcccc cgcccttctt cctgggggca ctgggagggc tcggtgggag ctcttggtcc 360
tggtatttcc ggacagcccc caccagctgc ttcaaaagcc tcgtccacgt tgagacgcag 420
tttgccga 429
```

<210> 3595

<211> 610

<212> DNA

<213> Homo sapiens

<220>
<223> Genbank Accession No. W74536

<220>
<221> unsure
<222> (1)..(610)
<223> n = a or c or g or t

<400> 3595
ttttttaaga tgtgtcaggt gtttaatcat cattgtgggg ggctctgggt gtagaagaaa 60
gcttggcaag gtgggggttat acaggagaga gattatacag gagagagttg gtctgaggcc 120
agaacagttc aagggaaaaa gaaaaggag ctgatggatg ggatctgtct gtgggccct 180
caaggcctcc agtactactc tcgcctgcct caggttcctc cgactgattc agttctgcac 240
gctcctcctc ttcctcctgg ttttctgggg ccttcctctc ctctcctcgg cgttgcnct 300
ttgccacaag atgaccccaa tgagcagggc ggctgtcccc aggctccca ggatccccag 360
ggccagggct agagttccca gccctgatcc tcccacagag cctgcagttg gccctcctc 420
gcctggttcg atgatgctga tgctgacagc acggctttcc tggggcccg gntggaatgg 480
gtggccacac agctgtaggt tccctggctc tgaggcctat tcaggaggga ttagacaggg 540
tggggggnag ggaagggacc tcgtgcgaat tttggctcga ggcaaattcc tatagtggtc 600
gataattgga 610

<210> 3596
<211> 428
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. W76097

<220>
<221> unsure
<222> (1)..(419)
<223> n = a or c or g or t

<400> 3596
gtgggagcac acagaccagg tcccaatcct ggttctgccc ctgactgggt ggtgactctg 60
agcaagttgc ttgacctctc caagcctccg tttcctcatg tgcaaagtgt ggacaaaaca 120
gtaccttctc cataaggaac gtgcgacgcg cctcagaagt acgtgttcat aaatggtagc 180
cattgttggt accttcccggt ctgtgaacat ggatcacatc atctctgtgg gtaaccaggt 240
cctcgttgta tgacttgta aaatgcagtt ccacttgat taatattgac cctgttcatc 300
gtcaccangg actgcatctt gcaccactgt gccgtcttct aggcacacac gaccccgta 360
tctcccttgg aaaaattcct ctcactggaa atgtacaatt aaaggatgat tgaaatgttt 420
aaaaaaaa 428

<210> 3597
<211> 437
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. W78057

<400> 3597
tttttttttt taaagatatg tcgttcattt attctgaatc ttatattgat agataatacc 60
agaagatttc agcatagcag ataaaaata gcaaatccta accagcacag gtttttagtga 120
caaacgggcc cgttccatgg acatagatga cttcatcagg taattacatt tttgttttcc 180
taagtgttta catttcttta ctgtgacacc ttcagattgg agatttttaa ggcttttaag 240
cgggtataagg tgctacctgg gagagttatt gcatagcact tccatggcat ggaatagtat 300
ttggtgtaga agatggaggc tagttagctg cagcagaatg aacattttct ttaagaacag 360
tagtaaagaa cagtccgagc cagaagattg cttttgtgtt aatgtggtgt gcaggttcca 420
atgtggtgtg caggttc 437

<210> 3598
 <211> 437
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. W78093

<400> 3598
 tttctttgtt aggctgtttt aaacgtctta gcaggatgtg gacccagggtg gctaacggcc 60
 aatttggcga cgcaaattct tctcaccaca gtgggttcag agaatgagga gagggctggg 120
 aggtgggctc agggactctg catgttgctg aagggtgaaa gagctggaat gctggctcat 180
 ctggcccat caactccaa ccaaatttgt gtgtccttag gcaaagccac cccctgtctg 240
 aagctcagtt ttctgtctg taaaatggag aaaccagaca ctgtccacac aagggtgaagg 300
 ggcattcaag aatgtgggag gatttaacag cattgtagct gtgggctgca ctttgggaaa 360
 gttcaaaggg ctctcgaat gccagggaag tctagaatag tgacgggttc cggctgcca 420
 agtttgttct ccaacct 437

<210> 3599
 <211> 420
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. W79046

<220>
 <221> unsure
 <222> (1)..(420)
 <223> n = a or c or g or t

<400> 3599
 atgcatctga cagggaaca tttcatacac catttagtca cctaggccaa agtccggaag 60
 atngctcttc ttacactttt ccgaagataa tgagcccagc caaggcaaca gagatgctta 120
 tttttggaaa gaagttaaca gcgggagagg catgtgctca aggacttggt actgaagttt 180
 tccctgatag cacttttcag aaagaagtct ggaccaggct gaaggcattt gcaaagcttc 240
 ccccaaagt cttgagaatt tcaaaagagg taatcaggaa aagagagaga gaaaaactac 300
 acgctgttaa tgctgaagaa tgcaatgtcc ttcagggaag atggctatca gatgaatgca 360
 caaatgtctg ggtgaacttc ttatccagaa aatcaaaact gtgatgacca ctacagcaga 420

<210> 3600
 <211> 432
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. W79421

<400> 3600
 tttttttttc aaattaacaa actgtaattg ttttcccaa gatacatttt tttcatacac 60
 atccatcata cactgtaacc aaaaaaagca gtgtacatga aataagagaa aataaattaa 120
 aaatccatag cataggttaag gaggtcttag tctggagcac agctgagttt ccagcaatat 180
 aaggaggctc gaaagtctt tttataagaa tgctgtctag caagggttcc agcaagggtg 240
 ttggttggtc tgtaagtcag tcttgagtac ttgaaacagt tctgtgtttg ttttttttcc 300
 ttagcgttta gaatagccat cattgtcctg caataggcag agctatcacg tccaggaaaa 360
 atgagggagg gaaccacaga ggcagcgtga gatccaaata cagcattcaa aggttaattg 420
 tccagtggtg cc 432

<210> 3601

<211> 463
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. W79422

<220>
<221> unsure
<222> (1)..(463)
<223> n = a or c or g or t

<400> 3601
tgcggcagtg caggcctcag agcacaatgg ctttatttgt cactgagtgg cggaccaggc 60
ctacagccga gggaggaccc cagtcacagg ttgaaacaaa ggcttgagcc tttgtttcca 120
gaagagcaga gaaaatctca tgatcggcag gagagcaggc agcacttttc cagcacactg 180
gccaaagccg atgcggtaac catccccctg gcagtaccct gttatgatga ctccatcccc 240
gtccagcaga aacttcctgg tctgaccatt ccccaggctc atgggcttcg ttcccttcca 300
cgacagttcc aacatggagc cgaagttttc tgggctccgg cccactgatg gtcccagaag 360
ccaggaggtc ccccgccgc agtttgcagc cgttgacaga gtggtgagtg agctgctgna 420
gnatcgtcca gtacatgtac ttaaaattgg actttgcata tgg 463

<210> 3602
<211> 425
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. W79773

<400> 3602
gaagaaaacg tacaaaatta tatatatatt tatatatata ataacatgac atatctatgt 60
acaacatggc tgggacagtt gaagaaacta tacaatgggtg ttcagcattt tccccttccc 120
agatggactt taaggatgac agcatgagga aatggagcaa gaaacacaaa aattatatac 180
aattacaagt gacagtcaag gagtttgggg accagggagt ccagggatcc tgctctctcc 240
attccttcct caccaacttt ctcctatcca atttgaatga cagcctgaac actgaatggc 300
cagtcaggag aaaggcatat acacacctca tccccccaca tgcacatcag caagtctatc 360
agtcattctc attgggccaat atgtttggca tatcagaatt tgtgatgtga gagggcaaga 420
ggatt 425

<210> 3603
<211> 400
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. W80609

<400> 3603
aattcttgtg gcaaatttaa tagaagaata tgagactcac ccttacttcc cacacataaa 60
acactgcagg cactccaaat ccttacagac atatgcactt cggaatcaac tcaggcatgc 120
acagcatccc tgtgctggag tttattttta aaaacaacgc cccagttatc acagtttctt 180
ttttgttcca ccattttcca taacaaaaga agctacacaa aatttggggg gagatactct 240
ctttggagac tgacacattt gcagaggggt catgaataat gattccaaag ctctatttta 300
acttctgaat caggcaaaga ataagtgaac atataagaat gaattttgtt tacagcaata 360
tcataatata gcattgaatc attacagtgc agtggttgta 400

<210> 3604
<211> 186
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. W80730

<220>
<221> unsure
<222> (1)..(186)
<223> n = a or c or g or t

<400> 3604
caaatgtatc agttttattaa aaatgcagca tttttcacat gagcttttaa gatgtggaag 60
atgggggtaca attaaaacca tgagagttgt gcagggaaca gccgtaggnc ntgtttgcac 120
cttcagatat tgcctgctcc caaaaattca gacccccaga tgcagggcaa gacaataaga 180
aagggt 186

<210> 3605
<211> 276
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. W80763

<400> 3605
attgggttaa tcttttattt ggaacaaagg aaaaaaggac tgacaccagt ttagcctttg 60
agtgtgcaga gctctgccct ccctcccacc cctcagcccc aaatccaaga tttcatagcc 120
ctaacaccca cccaagcagc ttccctcaca catgcccttt gttttcttcc tctcttctat 180
ggttccttag ggaaaggagc cttcttttag gatgaaaagc taactacagc ccagtctggc 240
ctccagcagc ccagggtcag ctccagcctcc actgga 276

<210> 3606
<211> 544
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. W80852

<220>
<221> unsure
<222> (1)..(544)
<223> n = a or c or g or t

<400> 3606
gacaataagg tgtgagcttt tattgcttaa ttctctgaat aattcaacgt agacgtctta 60
aaacagtttt tgtttcaaga caaagatggg ggatattgga ttgactgatt acttttcgcac 120
ctaaaactga aaggaaaaaa cttaatacaa gaattggaat tgaaaaccct agcaggatac 180
ctagtaggta agggtttgga tataatctgta tctgctcata agtaaaacag tgattgtgca 240
aatgggtact gcctaagtac cattagggtta ttgggtattaa ggtactaagt acaaggcagg 300
tatcagccac tggtttgaaa anattcaaac cagtcaaaag atgagtcana gaactcctcc 360
agccaaacct gggtaaattt gggttgcttc tggcctgaag gcagtgtgaa gtgaaattag 420
tttcacactt aaaacnagct gacacctttn taatctggan caccnaaatt tgggncatct 480
accngggaaa gtgggggaaat tccccaggga cggnccccca atattttaac ccgggccctt 540
aggt 544

<210> 3607
<211> 627
<212> DNA
<213> Homo sapiens

<220>

<223> Genbank Accession No. W81053

<220>

<221> unsure

<222> (1)..(627)

<223> n = a or c or g or t

<400> 3607

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ctggaaccca aataggcttt agaagagatt atcctatatt cctatcagta taataactaaa 60
atgtaacttt ttaatcatct gggtttttaa agataaacag tttagcccat ctctccagag 120
agcaaacata ggaatatgac tcaggagcct cctagggttt atcatcagcc ctcacacccg 180
cttccccctc caaccacag cctttgcttc cagggtggcag gattactact ttgcctcttc 240
agcagcatct actctaggca tattgatcat tttagacact gggagaagag aacctcaaac 300
tacggaggaa aagacagagc ctccacttag ttttgggagg ggatggcaga cagtcaagga 360
gatgagcgtc ctaaggcatg ttgggatagg gtcagatgca ccacccatgg agagggttgt 420
caacacaaaag acatggaagg ttagagggtt gtcaacaaaa agacatggaa ggtagggtt 480
gtcaacacaa agacatggga agattagagg tttgtcaaca caaagacaca ggaagaatgg 540
gctgcagaag atttagatgn tttccatttg ggcacatttt acttagcctg gngactaggt 600
ttaaacagcc tgggagggaa tttgaag                                     627
```

<210> 3608

<211> 470

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. W81079

<400> 3608

```
tggaaatcag aggtgaatat ttatttaatt catatataaa ttttacataa tattcatggt 60
gctataaata taggcacatt ttttaaaagt ccagatacat ccaaaaatta cccctcact 120
gtagcctact ccaatcccct caagacggaa tatctaacag tgtttggaaa acagggtcca 180
gaaaggccct gcccattaat tttaaaactt tctgaccatc aagaccattc tttcctgctt 240
caaccaagca gagtcaacaa ggatcatgtg ttttcagggt ttaattgca ctagttagtg 300
aattaagtaa atgcctctgc ctgggtagtt tgtaataggt ttatgggttt gggttctcct 360
acttagttca agtcagagaa agaaaaacca atatctatat tcctattggc cttctttaaa 420
tccctatgag atggcttaaa aggatgtcac tgcaccagag gactcacttg                                     470
```

<210> 3609

<211> 605

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. W81268

<220>

<221> unsure

<222> (1)..(605)

<223> n = a or c or g or t

<400> 3609

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cgagaaaaag aatttggaga caaagtaaac ctactttctg ttctggaagc tgctaagatg 60
atcaaaccac agactttggc ctcagagaaa aaatgattgt gtgaaactgc ccagctcagg 120
gataaccagg gacattcacc tgtgttcatg ggatgtattg tttccactcg tgtccctaag 180
gagtggagaaa cccatttata ctctactctc agtatggatt attaattgat tttaatattc 240
tgttttaggcc cactaaggca aaatagcccc aaaacaagac tgacaaaaat ctgaaaaact 300
aattgaggat tattaagcta aaacctggga aataggaggc ttaaaattga ctgccaggct 360
gggtgcggtg gtcacacct gtaatcccag cactttggga ggccaagggt agcaagtcac 420
ttgaggtcgg gagttcgaga ccagcctgag caacatggcg aaaccccgct tctactaana 480
atacaaaatc nccgggtgtg gtggcaggca cctgtagtct cagcctccca agtagtttgg 540
```

gattacagat gtttggagcc cctaagccag tttgcaccag ctctcagggt cctcacctgg 600
gtatg 605

<210> 3610
<211> 376
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. W81375

<220>
<221> unsure
<222> (1)..(376)
<223> n = a or c or g or t

<400> 3610
cattcatcca acaaatatattt attggatacc aagtatgtgc ttggcntggt accaggcctt 60
agggacacag aagaagaagt atacagcagt gtaaaactgac atttcttaac cactatataa 120
ataaacccca ctttactact aatcgtgaca tttcaacatg ttatacctga taagacatgt 180
aaagaggggca cgatttttgag gtatatagct tctttttctc tacaattacc atgtgatata 240
aattcctaaa ccccttcaaa tagctttata aatgaagagc ttccactaat gaaaacctcc 300
caaaattaca gttcagtttt agggagacaa aggaaatgga acttcgggta taaaaaacia 360
aaatgaaact gggggt 376

<210> 3611
<211> 390
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. W81540

<400> 3611
gcaaaataag cgtgtttataa aattttatttg tgtaagcatt cagacatttt taggtgggaa 60
agatgatatg cagaatccac tacaagggtgc aacagaaaat cgtattggaa aggacggtac 120
atctggcgca gaccagcagt ggcacgattc caaacaatg tcagacgaga gcgcttcatg 180
gggagaaaact gaaaattata attttaaagct tcatgaggca agatatgttc caatttaaaa 240
cactaagaaa tagtaccatc gatgaaaaag gaaatcaacc tccagggtgta ccaaaagggg 300
cgtagggcaa acgggggaaaa tttgcatttg ttgaggtaca aataaggagt gttctgtaag 360
agaggggcat taattattaa tgacaaaacc 390

<210> 3612
<211> 408
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. W81552

<400> 3612
taatctcaaa ggcaattgag tgggtcttct gggccagacc tatttaattt acgaaacata 60
gtaccttgca gagaataggc attgaaatat tattttaaaca atcaaacc aa agatgttctt 120
ctatcttcag ctgtcagtga tctaattgcc tcatctctct tatcctcagg acccagaatg 180
gtatatcca cataaaagat gctttgttta tcaaatgaat caaaaagcac gcctgaggat 240
ttattttttac tcttttactt ctgtaggcca ggtcaagggt ggtctaattc acttttatca 300
tcagcactta agaaactgga tggaagacca caacaccttg ttttttgcaa aaattttcca 360
tctcctcaat caggccagga agcatgtatc ttctggacag gactttat 408

<210> 3613
<211> 370

<212> DNA
<213> Homo sapiens

<220>

<223> Genbank Accession No. W81654

<400> 3613

```
tttttttttt tttttttctg aaatgatctg tctttattat gtcatcagaa aacaaaaaaa 60
tcccccgagt gtaaacagga gaaatgtgct ggtaaagtta ctcatcatta tcttattatt 120
aacaaaaata agcactatct atgtttacag tcataaaaaa agaaacagcc tggagagaag 180
tgggggcctt gaggatggag agaagacggg ggcagacaca gactccacat ctggccctgt 240
ggaatttggg gttcccgtag tgatccaagg gctattttaga tcttcagagt taggtgacaa 300
tgggatttga tttccttagg gaacaaactt tggtgaaact gatcagaggc tgagatccag 360
tccttagtat                                     370
```

<210> 3614

<211> 399

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. W84447

<400> 3614

```
ttagctttga tacatgcata tatttaataa tgaaacaatt catcaacagc aaaaagaaag 60
tagaaaaaatt cgtaagacct cagggtctgt gaagagaatg ggacatcaag gaaaaaagat 120
atatatagca accaaccag aaggctgcat gatgagtga gcaaaggcaa gtttggctaa 180
gatagtatta tatgctctga aaagagaatg gctggatagg taccactta tgtgactgct 240
tactagcagg cagccttact gtatgcctca tggaatggag gcaaaaagcc agggaaaggt 300
gggagggggag aaggaagaga actgtataaa acccagggt aacaaatgag tggggcagaa 360
ttacagagag aggactctaa agtcctttt tttccttga                                     399
```

<210> 3615

<211> 421

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. W85765

<400> 3615

```
ttttaatgta aaaatcaatt tattatacaa caatcataga taatgctttt tatctacaaa 60
gaaaaatggc ttctgcagcc tccctgtcta ctccattcat gatactatgt tcttaagata 120
taattacttt caaaggaaaa caaagcgata tccatatttt ccaaacaagg aagccccag 180
acacatttat gaacgatatg gaaatatttg aaagaactca aatggactcc tagatacaaa 240
aggctgttct gcccatcaca gtaaacactg ttttgcctta aaataaaaaat aataaaatat 300
ttctcaaattg caggggtgag gactttaccc cgtaacatgc ctaagtgggt cgatatataa 360
ttttgatggc ttgacaattg ctatgtttta ttcccattca gttaacattc ccatttttgt 420
a                                                                                   421
```

<210> 3616

<211> 443

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. W85847

<220>

<221> unsure

<222> (1)..(443)

<223> n = a or c or g or t

<400> 3616

```
cataattgta cagacacaaa atttgtgtctc actgtactca cgtcgatttt ttttagctaca 60
tttggggcatt acggtactaa caatatcaga aacaatattt tgagtatctt acatagatga 120
aaactttcat attttttcatt taagtttnga ttcattacta tgggttagat gccgctcgggc 180
tnaggtgctg gagctctctt gttctcaatc tctccttttg tccttattca ccacaatggt 240
aatttggagc tgagagattc atcactgacc gcacttatta cctttctgct tcaccttggc 300
tcgctttggc aacttcgcct ttggacttct agcatgacag acatagctgc gcttggagat 360
cctcagaggt aactttcttg atggctcaaa atcngagttc ttgtttcatc ttctgttcta 420
ctatgactta tactttcgtt aan 443
```

<210> 3617

<211> 439

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. W85875

<220>

<221> unsure

<222> (1)..(439)

<223> n = a or c or g or t

<400> 3617

```
taggaccaca tttattaata atatacgta tgagaacaat catttgagct ctcactgtga 60
aggcaaaaaa aaaaaacaaa aaccaaacc caaaggataa acagaaatag cacagtccac 120
cgaatacact gcatggtggt tataactgta taaccaaact aagtaatctt tcccctctct 180
ttaactttta tgcaccacct gccattctag atactatcaa tcacactaaa taataataaa 240
aaccaaccac cttcaatctg atcattctgg gcaggaaact ggaatacagt tttagaccaga 300
tcttcgngaa agattcatat acacgaaatt aactnagttc tgttaaaagg ctgctataaa 360
aataccatca ttacgngcta tacagaactt tagaatacag ctaagagtgc cgaaatactg 420
aatttcctta attgagggg 439
```

<210> 3618

<211> 444

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. W85886

<220>

<221> unsure

<222> (1)..(444)

<223> n = a or c or g or t

<400> 3618

```
cttgactttc caagccagac tgcctgagta tcacttaaac ctagagtgc tgtacaattt 60
atcatccaaa gtaggacact tcttagcatg aaaagggcac taaacataat taacgtaagt 120
ataatccagg cccgtctgag caaaccaaga tttatgtcct tctttcagct cgttcctgcc 180
tatcacctag agggcttgac ttctctctgc tctcttggc attcactc agcaaagccg 240
atggatattt cagttcaatc ttcaggctct tttgcagtga gtgcctctgg agcatgtgac 300
ctaactgagc agacttttgt gccgcctact gtgtgctgtg cagccctcct cagatcccat 360
tccgtctccc tcttctctaca ccacttcctt gaacctacac tanttgact tttcagctgt 420
tcaatttttg tctgtcctgg actc 444
```

<210> 3619

<211> 439

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. W85888

<220>

<221> unsure

<222> (1)..(439)

<223> n = a or c or g or t

<400> 3619

```
ttttatcttt tggctttcag gtggaatttt agaaaatacc tggcaagtga atagttctga 60
aagtgtcttc tcttaagttc tttggtataa tttggtcatt ttgatagtaa tcaacccatt 120
aagtaggtac ttttaacaccc tcatatcaat taaaatggaa tgtggagtac agatattttag 180
aaaaccatga ctgaggaata aattatattt ttgacctcat ggaaaacaga actctaaaat 240
tttacttatg tttctgtggc aaagatagcc atactgccta tgaagacatc tctaacttta 300
tattaaagaa atgttctata aaacatctct ttctgattat tagaagtaac tgttctatat 360
acttttttaa agtagaagag gcaagtttca acttgaaaaa agaataattt tgaatttcat 420
aaattatacn cttcntgc                                     439
```

<210> 3620

<211> 430

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. W85890

<400> 3620

```
ttttaataca ccattgtcaa tctaataattt tttggaaagg tgcttttatg ttatgtattt 60
gaaatatata tacacacata catatatgta tacatatata tatatacatt tttgggtttt 120
tttgtttgtt tgttttgttt tttgagacag ggtctttgtt gccaggctg gaatgcagtg 180
gtgtgatctc tgctcactgc agcctggagc tcccaggctc aagccatcgc ctcatgccca 240
caaataagctg aggaggagaa tggcttgaac ccaggaggtg gaggttgcaag tgagccgaga 300
ttgcaccact gtactcgagc ctgggcaaca gagcaagact ccactctaaa aaaaaaaaaa 360
agataagaaa tgatgaggtg cttgagtttg tgtgctggat gaaataaggc aacttgccat 420
taacatgttt                                     430
```

<210> 3621

<211> 395

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. W86075

<400> 3621

```
gatttgaagg gattgcttta ttttaacgtga aaagcgtgat agaggaactg ttttaagataa 60
acaacttata aatactccca attgtagaag tgaaagattg attctatgaa aatctacaag 120
tgattaaatt tagacatcga atatcaaaga ctttatagag tcatagcatc ttatcaaaga 180
tcatttagca gaagttatgc ttagtctgta ggtagaagc aatgattagt gagacagatt 240
ggtttgtggg atgactcagg ataggatgat tatcagtaaa aaccttccca ggtaaaaatt 300
acaagaaaaa gaataagagg atagttgcaa aagattttat gggaatttag ttttaaccat 360
aagcataaaa tagtactgct ctgggttgtg aaaaaa                                     395
```

<210> 3622

<211> 417

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. W86214

<400> 3622

```
caaatccatt tggaacacat ttattcttgg gatagtttgg acaatcacaa ggcaattcta 60
aggaagactc ccacgacact gcctaagacc aagatttggg aaaattgatt ccactgatca 120
ctgaaaaatt tcttgcccag taactcgtcg gtggacttta tccaagaact ggggggttcaa 180
ttagtaggcc aaactccaca cctcttacag taagatacat aaaagataaa ttaggtcccc 240
taggcgcaag gtcaggtgac acttcggtga ctgcagaagg ggcgattcct agagatatgc 300
ttcaaagcaa gtgggactta gagataagca gagccgagag gtgggatacg gctgctcgag 360
agggatctac ccacaagata agccacctcc cgccagcccc caaggtttgc tattcga 417
```

<210> 3623

<211> 381

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. W86375

<400> 3623

```
ggttgaaaag agctttttat tactaaaaaa cccacaaggt gctgtcttac tcatttccag 60
ttaatcattt ctaaagagaa aatttacatt ttgtttttgt ttaaatgttg gtcataaatt 120
tatacagttg ttttttcgat agaggtaaga attagactcg atgcattttt gttagaattg 180
ctgttttaaa gttaacatca gaatgcaaat taaatataaa ttgctttaac ctttggttaca 240
ggtatactgg actttctgaa aggaaaacca ggtctcatta atgctagtta ttactttatc 300
acagcaccag atttccattt ttttatgggt tcctctctgg gacaccactg tcggtttaat 360
aaaacaataa ataattcatt g                                     381
```

<210> 3624

<211> 434

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. W86431

<220>

<221> unsure

<222> (1)..(434)

<223> n = a or c or g or t

<400> 3624

```
ttgcaggttt gggcccaagg gcttnacctt taaagaagat gtaattcacc atgatcacga 60
ccgcattgct atcgaggttc ttaagcaagt ccacaatctt gcccttcggt tgctttgcca 120
cataatcatt gatctgcttc atggccctcg cagagtccct aaagttagtg gggaaagtgt 180
ctgccaggta cagcgtcttc atggcactta cgaagggtgtc ctgcagggtct accaccagg 240
cggtgaaaag ggcattgccg acggctcaag ctggaagcca atctctgggc tggttgagtt 300
cctgaaggan gctgctgaaa gcctctgtgc agctccttct ctgagctttt ctggagggtg 360
aggcccaggc cctccaggat ctgcatcttt gtgctggaac ccagcccca gggaaagaagc 420
atggccaagg ctca                                     434
```

<210> 3625

<211> 322

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. W86600

<400> 3625

```
ttatacttaa taattttatt acatgtacac acaaaatcat agcaaaatat gatatatattt 60
```

```

ataggatttt tttgtctttt catgatgcc a tcgaatat ttt gcaa atgcct aaatggaacc 120
ctttcttcat tctccacaca agtccaaaaa caca aacaca cacgcacaca catacaccta 180
tacacatgca tctttttaac caaaggtaat actcactggg gttaaaacta acagctctac 240
tggaacaatgg cttcatggac atttttagagg cagtcttaag tctgctgtgg gcacagggcat 300
gtcggatatg atttcctgc ag 322

```

<210> 3626

<211> 380

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. W86748

<400> 3626

```

ctcaacaaaa tgttttgaat ttattataat cgtgcttctc tacaactaat gattcttgtg 60
gtttgcaaac catgtctgcc tttatttacc tacacaaaca cggaacagaa tttccaatag 120
gagaggttca cacagctaac aaagcataga gtgtgtgacc tcaataaggc attcaacaaa 180
gacacacgcc gtatttccct ctgactgcgt tcccttagga tgctctgatg ttggcgctgc 240
attcttctaa aagtagaatc aaatcttcaa tcaggctgtg ttctctgcc a tgtgtcactc 300
tcataatatc aaaagccagt ctcagattct tcattgcttg gggaaacatg ccttcatgta 360
gctgcagttt ggccaacttt 380

```

<210> 3627

<211> 458

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. W86756

<400> 3627

```

acctttccag atgcttttaga ctttttctct tatctttact ctctttatgg atctgtcatc 60
ctctctaaag tattagctat gcgtcccagc taaggcattg ctaaggattg ggaacggcta 120
aagctgtctg ctccaaagca tcttaaaata gatgcattct ctgccttgag atattcattc 180
gaaccggat ttcaccaaag gagggtcctt atgtacttgc ttacacgaag caaatattata 240
ggaaaacagg ggaaacgtct tgattaaaaa taaacacaaa aacttggtta ccgctccgcc 300
tttcttgggt ggcgctgggt tgcggtctct tccacacgct tctctctgta cagcacatac 360
atgtttacac cacacacctg cgtggacgag caccagatca cgcacccag ctccacgaca 420
gggacaccag ccgactaccc acaggctgca cattccgg 458

```

<210> 3628

<211> 414

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. W86850

<220>

<221> unsure

<222> (1)..(414)

<223> n = a or c or g or t

<400> 3628

```

cgcaacagga tccggtttat tctgccttgn atcgtcggtc ctcgagagtg gtgggtgcc a 60
cctgtccnnn gcggananag ggcccgangc atctctaang caatgnngga naagcagggg 120
gctgcagctc gnga atgcgg tgaagccagg ccgaggccgg agcagctgtg gtagggccang 180
gcagggtgga aggacccgga ctgggaccgg nccagggtta caggggccgag gacccaggcc 240
acacgggcac cccgggancg ggggcacagg gtcacgtgac acagaacatg aaacacaggc 300
acagggttca cagtaagcac attggacaag tgggcacagg gtcataggcc agatgcacat 360

```

ccagccatgg tgggccagac actggggacac agtgggtgggtg tcacacanaag acca 414

<210> 3629

<211> 630

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. W87454

<220>

<221> unsure

<222> (1) .. (630)

<223> n = a or c or g or t

<400> 3629

```
gaagcagtat tattttttatt atccaaggca agaccagtaa aacacaaagc cccttaaaca 60
ttatttctgc agaattccaa gaacacagga gaaactagta aattgtatag gattaataaa 120
gaatatggat tgacagaaga acaatcataa aacattcata ttggcattct tggcaggcac 180
agctctactc catggccatg tggattatca gaggtctcga gttccactct ctgacaggaa 240
tcaggctaga ttatggtaat aaggaggcct gaaggtctta tcagcaaccc cccatcgagg 300
tgggaagatg acaaaatcag caatggccac tccagggcgg acagacttag cagtcaatac 360
tgtgaaaatg ggatgggtct gcatgggtca aaggcccact gagttggata accatggaaa 420
ttcctcaggg ttggtacctg gtagggggtg tataattccc cgtgccaggg ccacaacatt 480
ggacgggggg aagacatccn ggtttgggca agccaacagc ttgccctgg gtatttatta 540
atgaccggng gtaccncctt gggacctggg ggatcccca naccagggca tngggtatcc 600
aggaatcccg gggnttggca gccttgggcc 630
```

<210> 3630

<211> 385

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. W87480

<400> 3630

```
cggttgattt ggttaattgc ataaaatggg ataaatactc acatacatca tctgtttaac 60
aaaactccta ggtacatcag aatgcaaaat ataaaatgcc caagagactc tgatcagcag 120
gcatatcaaa ttgcagttag gcctgtgtca gcttgggtcc ttcccacttc ttcagtattc 180
ctatgaggag ttctttctct cctactggag cctggacctt tgacataatg gaaaagaacc 240
taagaaggca aggcattctg ataaaacgcg acttcagcct ttacatgcga cattttattt 300
ttaatctaaa aggatcaaca ggtcttgggt cagccttagg aagggaagca tcactcaggt 360
aaaagtatct ggaggaactt taaac 385
```

<210> 3631

<211> 388

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. W87532

<400> 3631

```
accacaaaaa tgccagaatt tattcaccaa gtgagcatcg ggtaacatcc atggatgaga 60
gtttaaacat ctcttggttg ctatggaggg tccaagaaga aaacaaaatc cattagtata 120
aagggttgta tttgctgtga cctctattgt cttgagagac agagtagaca gaagaaataa 180
caaatgtgaa gtccctggaat atagatgagc ttgtgatgaa agacggaaca gagtgaacgg 240
tcagagctgt tggaggaaga aagcaggaag ggcaataaag gtccaagtgg tagccagagc 300
ctcggtttat tctagatgag aaggagatg gtggagtctt ttaagcagga gagaaacatg 360
ttctgagtta cattttttta aaatgtaa 388
```

<210> 3632
 <211> 335
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. W87606

<400> 3632
 gactgacaga ttatcttatt ttattatttta acgtatctca tgttttcttt taagggtctct 60
 attgagataa agagttccag ggaaagaaaag gtcacagtgc tcggtaaaca acccagcaaa 120
 cggcggctct gctgctcgcg tcgggccaag ctgggtgtct ggggctgtga cggcctctca 180
 gtgtgtgatg aagtttcagc gccctccaca gtggcagtgc agcttggaat cccgcttccg 240
 gttgtgttgt tcattctggc tagctgagtt tcagtttagtt catgatctgt ttaaaccaga 300
 gtgagtacct ggagacctg gttgacaagg accat 335

<210> 3633
 <211> 553
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. W87781

<220>
 <221> unsure
 <222> (1) .. (544)
 <223> n = a or c or g or t

<400> 3633
 agtttttaag aattattttta atacactttt cctgcgaaac tcaattcaag gcagcttcaa 60
 ggtaaaaatg cttatatttg gcactctgtcc ttgtattttt aggcacctg atgcattcac 120
 actcactacg ctacacacca gaagaccccc aagaaatccg cttctttgtg cagataaaagg 180
 aaatgcaaac tggtcattct ggaaaccagg gtcaattcta gatttctana agcctggctg 240
 tgggcctcaa ggccttncan tgaaagcaag ggcctcagat tgaccctttc caagcatccc 300
 ctaccaggag gggaagggca cagattctca agggaccgtg gtgcatgcag gtaaaccgna 360
 acctctaggc tggcacgtgg caccactngc cctgggagac aagccatccc cgctctctgg 420
 tctggatggc ctgggttcaat gcagtgtaga tcatnggatg gtgatnttct ctcantgata 480
 ttccgggggga tacaatttta aaatgttatc caagtatcnt gatgggaaat aagganggga 540
 ggttacagaa aaa 553

<210> 3634
 <211> 346
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. W87824

<400> 3634
 aattaccagt tgattctgat ttgtgaagac ctttgcagac tgcagcgggc ttggcaatgt 60
 ctttccgctc tgtctcctgg aattgggtgt ctgggatgac ggacttcgtg gagatggatt 120
 ctcagccttc cgtttggctg ccatggcaac aaccagtttt tattctctgg ggaactattc 180
 tctttgcta ccatttcaga ccttctcca caaggtctca aaggaagagg tagcgttcca 240
 cagctttctg aagcatacgg actgatagga gacggaggct ctgagatact ggtaccagct 300
 ccttcaattt tgcttgattt ggtaggacct agagagtcct tactaa 346

<210> 3635
 <211> 265
 <212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. W88568

<400> 3635

```
gttttttaac attttaattt caacgtgcc aacattgtcc aaatgagatg atacaggcta 60
gaatgcacgg cggaattcca gactggactc actccataag ccaactcatc actgcccgtg 120
aacatgaatt ctggctctca gagaagctga cattgtttcc ctgaacattc ccgtgggtctc 180
cctctgaaag ccgatgacca tccaaccctg actcacctga aatatactac gagcatcgcc 240
ctccgagact gacgattatt aacca                                     265
```

<210> 3636

<211> 415

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. W88946

<220>

<221> unsure

<222> (1)..(415)

<223> n = a or c or g or t

<400> 3636

```
gctgattaca atttattatt tcttttcac caccatccac tcctcaaatt atacgccctg 60
acctgcccac cactgtctta tgttcaggat tggcatcaca gaggtacaca gttccactgg 120
ttccagcttc tgggaatcgg gaacatcggt gcagtgtgta actcattttt tgcataagctt 180
cattgctgta gtctacatga gaatagacag gaaacccaag tttgcccatt ttctgggcgt 240
gggaatagat gacatacgtc acaaggccat ggagccgggt attccngaac ggtgcctgcc 300
attctcatct ctccagctct gtccattaga tcccagcaca caggggtccc ctcaggcccc 360
aggagacagc aggtgggaaa ggtctgaatg cagcgctcaa tgaatctctg gctcc      415
```

<210> 3637

<211> 433

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. W88985

<400> 3637

```
ttttaaggta agaaagtctt tgcttttatt gaaaatttat atatgactca gtattgtaat 60
aaataaacat aaccattttc acaaaaaatg acagtgtctat gctaaagaag aaaatattaa 120
atgggggatt tacttgtagt ggcaagacag actttttatc aatacagaat aaatattaac 180
agcattcgtg agccaatggt gagacccaac aaaatgtagg aatcaagcat gatgtaagaa 240
ataattatcc agagaaaaag atggtgtatt ctcggatgat aagactgtct ttgtaaactg 300
gtgcatatca attagtccca tcctcacagc tcaccttcaa accacagggc ttgtttctgg 360
ctatgttaaa ggaccatcct ctgaggaaaag cagaggagag gaactccatt atccttacag 420
tgaaacgcaa ccg                                     433
```

<210> 3638

<211> 367

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. W89178

<220>

<221> unsure
 <222> (1)..(367)
 <223> n = a or c or g or t

<400> 3638
 gagactccat agggctcggc gtgggatgct gggaangcct gatgatgcaa ctggagggaa 60
 ctgggtttga ttgaaggaag ggaagccagg tgtgtagggg tctccagttc ccaggtgcac 120
 atgtccatac actgcctgct gntnggacag gcttggcctg ggtgggtcct gggagaagtc 180
 cgctggctct gggatatga gcactccttg agccccgaag tcctgagcat tggtcacctt 240
 ctgggcgaac tgattcaccc ccacgcgcac cagcagcagg cggcccactg gatccacgcc 300
 cctggccccg agtcctgcag gtcttcnngg ccgcccgtag tgggggtaac accagctctc 360
 ccgttga 367

<210> 3639
 <211> 422
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. W90018

<220>
 <221> unsure
 <222> (1)..(413)
 <223> n = a or c or g or t

<400> 3639
 ataggctttg tttattaaaa tcttttaaac attctaaact tcttgtgtaa tttatcatat 60
 ttaattttct atttttagcac ttcaaatcat tgatatgaca agattataac caattaagac 120
 aaaacattct catatattta agcatctctt gtaaatctaa tacattaaac ttatagtaaa 180
 tctagtctaa tacttttcat gagctaagtt aaatattctt atacctttca acttcaaadc 240
 acaaaccgta aaatcaattt cacatttcaa attggaatca taagcttttt aaagattcaa 300
 atcacttaag gagcatacac aagattaagt cctaaactta acatggaaat tatcaatatt 360
 atggatttng aattattgca ttatttccat aatgaattct acacattccc agagttggaa 420
 aa 422

<210> 3640
 <211> 413
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. W90128

<220>
 <221> unsure
 <222> (1)..(413)
 <223> n = a or c or g or t

<400> 3640
 gagacaggct tctctgctat cctccaggca gtgtaatagt caaggaaaag ggcaacagta 60
 ttggatcatt ctttagacac taatcagctg gggaaagagt tcattggcaa aagtgtcctc 120
 ccaagaatcg gtttacacca agcagagagg acatgtcact gaatggggaa agggaacccc 180
 cgtatccaca gtcactgtaa gcatccagta ggcaggaaga tggctttggg cagtggctgg 240
 atgaaagcag atttgagata cccagctccg gaacgaggtc atcttctaca ggttcttctc 300
 tctactgagac aatgaattca gggatgatcat tctctgaggg gctngagagg tgcttcctcg 360
 attttcacta ccacattaag cttggctctc tgtctcagag ggtatctcta agn 413

<210> 3641
 <211> 304
 <212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. W90146

<220>

<221> unsure

<222> (1)..(304)

<223> n = a or c or g or t

<400> 3641

```
cacttatagc caatatttaa taatcccata ttaactgatg tgtaaaaaat gtctttatga 60
tctgttacca cccaaaagaa tgcatacataa ctttcaagan tatgttcttt gacttctaac 120
ctctgtctct ctttagaatt acctttgctg cggccagtag atgctccttg ttaatgactc 180
tacatttact cgcacaagcg tttgtcctgg actcttctgc taatcgatga acaaacagta 240
aacagttcag atggaccaat aagtcaccac ttttctccag accgaagttg gagggcttct 300
ttcc
```

<210> 3642

<211> 434

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. W90396

<400> 3642

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aatcaaagta aattttatttc tgaattacat aaggatcatg aaacagaaac attaaactctc 60
atgtttataaa aacagtagta aaatacagta cacaggaatg tcaattgaat gacaacaatg 120
aaagtacaat agcaaataaa aaatagtaac ttttaacttt aaatacaaag tgaagcaatt 180
taatatgaaa ttttgtaaat aagaaaaata tatgtcccat gtctttatta catactgtac 240
aaaataaaat attgcacctt tcatataata aatatataca aagagtatgt tacaatcga 300
tctttctttt aatttaataa ccttcaacaa tcagatgtga ttggatgatt aacaactaat 360
cgggctgggt gtgtcctcct cactgtcccc catccattcc caatcaccaa accctccaca 420
tacagtatgt ctca
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<210> 3643

<211> 410

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. W90455

<220>

<221> unsure

<222> (1)..(410)

<223> n = a or c or g or t

<400> 3643

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gaaataatat tctttttgtgc ttctttatga actattttaa tataatgccca ttctggccgg 120
gcgagtgagg aagagatacc aagtcagaca tcttcagaca ggcagaaggc cctgccttcc 180
actcggtgat ggtgtcaggg actgttactc ctacctcage cacacctgct gaatttacca 240
ccaccaaatc ccagatccat gtctcaggga agtactttcg tacggctctc gtgtgaggct 300
cttcaacatg gcaccaggcg tgcattgggc tctncccat ttaacatctg gactcnataa 360
aaaccttaca ccgtagaccn ttaggnccca tggcatttcn taatggtgaa 410
```

<210> 3644

<211> 351

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. W90560

<400> 3644

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acagaagttt atcttttattt tctactgggt agaattttcta gaagctttctt taaaaattgt 60
ggtttccttg gccttaaaga gtgataataa cttttccctc agcataattc tgccccaccc 120
taaaacagca ctgtgtctgg tgcttcttgt ttgtcccagt ggcagcacct aggattaggt 180
ttcttcagtc ttccttgtca tcccagcagt ggaatcaaatt ttctttcagt gaaacatgta 240
aacgtaagac ctgtgcatgt cttatgggag aaaatgtttc caggatgaac tactcagag 300
gaggagacag catttacagt ggcgccagac aggcttgtag cttctacttg g 351
```

<210> 3645

<211> 478

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. W90583

<220>

<221> unsure

<222> (1)..(478)

<223> n = a or c or g or t

<400> 3645

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tccattgcct cagtttttaa tatttattta aaatccagag gggaaaagga gaaacggaac 60
ccattggggg tttaatacac tgacatgtgg acagagacgt aaacgaagac agcaggaaaa 120
cccaagaatg agacagaggc cagtggattc tnggcagcag gagggatccg agcgctgaga 180
tgaggccccg gctgctacaa acacgcactt ccacgcagag ntccacggct ggggcggcag 240
ggcgacggat acagaagtgt tggnnncggg ggacgggcca aagtnaggta ttnnataata 300
aaaatcaaatt ccaattccca aagagacaca actttaggag agaaatacac aaatagagac 360
tttcacatac attttccctt tctataaaaa taattccagg gttaaaataa cctcaaaatc 420
caattcaagc ggengacttt gttcgcctgat ggtagcaciaa ttcaggngac gcttgaag 478
```

<210> 3646

<211> 464

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. W90766

<400> 3646

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gtaatttttt ttaataaata aaagcacatt aacaaaaaag gaaggttaagc agcaccggaa 60
gcctttgacg tttgtaacta aatgctggta ctcaaattgt ctagctgggt aagttttact 120
aggaggcgca aaaaaggagc cgtttttgac ttaacatttt aattctagta gagataagaa 180
gagcttgtgt gggcttacag tccttcacct gactgtcctt caccagttag tagcatacca 240
gttcttcaaa tgtcctatac tttggaaagc agaccgact ctggagcact cgctttaatt 300
agattctgaa tttccttgaa ttttgggatg gtccttatca gctaccagct gaagcagaac 360
agcctcactc gtggtcacta tgatcccggg tcgagcgaga cgctcagggg caaacatcct 420
gtccatcatg cttcttgatg aggtggcatc agcaacaatg tgat 464
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<210> 3647

<211> 171

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. W92148

<400> 3647
 ttcctgacat ctgtggttgt ttatttataaa gaacagacaa tatttataaat gaaagacaaa 60
 ctgagagggtt caaatgcatc caataacttg aagcagcagt gacatatata tccaaagatg 120
 attgtagcta tttaaagcca tatcttggtt ttctaggcaa aagtacaaca t 171

<210> 3648
 <211> 395
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. W92207

<220>
 <221> unsure
 <222> (1) .. (395)
 <223> n = a or c or g or t

<400> 3648
 gtgtttccaat aaaactttat ttacacacat tgaaacctga atttcataca attttcacgt 60
 taccaaattt taattttttt tcaactattt aaaaatgtta aaaccattct tagctcacag 120
 gctatgcgaa anagancaac cagccagatt cggcccacgg tttaaggcca gtttaagcct 180
 caccaccttc ctagecccccac tcacctattt tgtcctctca tcttcctgtc cttcagcacc 240
 cccatgacct tcctgtgacc ttcaatggcc cctccagctg ccgtccagcc ctgtctgtct 300
 gcccttnggg gacctctccc tcctgggctg caggactgtt ttttcctgga gcagggtctct 360
 aaatagctcc attcgcttg gcagggggaa tccag 395

<210> 3649
 <211> 241
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. W92449

<400> 3649
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 ctgggctcag cggctgtgaa ggagggaccc gcaacacccg ctaaggcagg taattgcaag 120
 aaggcactcg cgagggggac ttcaagcccc tcttctattt cttcatataa aatcaggggg 180
 atggggaaaag ctccaagggc gaggggaagca gagagtttct ctcccagcct atggaataag 240
 g 241

<210> 3650
 <211> 118
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. W92608

<400> 3650
 gagaaaatct agagacatga gggacataaa tgggcctggc agcctcggtc tttgcggctg 60
 ctggcaggac tgagctgtcc gggttctccc cacacttcca gcacagctgt gtcattgt 118

<210> 3651
 <211> 375
 <212> DNA
 <213> Homo sapiens

<220>

<223> Genbank Accession No. W92713

<220>

<221> unsure

<222> (1)..(375)

<223> n = a or c or g or t

<400> 3651

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gangaaaaaa aatgacaatg tgctttttatt ttttttcttg ttataaaaaa acaacattgg 60
taaatcgttt tcattaaata gacctttgtg attttactga tttacatgag tggcactaaa 120
ttacatgatt tataaggctt gacacaggaa ggatacactg aggtatatcg gtaagaaaag 180
ggatatgaat actagagaaa tgttaaattg ataactaagg cacactttcg gatgtgaatc 240
ataaatctac cactgtggct acgaacagcc tatatgtaca tggatttctg aaagacatga 300
tcagttcgct gggtaaaagt aggagacggg cctggggcctt tctgccagtt cccctgggta 360
cttgcaccaca ccact 375
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<210> 3652

<211> 324

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. W92771

<220>

<221> unsure

<222> (1)..(324)

<223> n = a or c or g or t

<400> 3652

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ccccatcggt aataactaaaa gtttctattc taagtcttct atccaccact aatttaagac 60
aactctgctg gcttgcggtt tttcatacta gtttatttag gagttccatt ttcactcctc 120
aatagatttt atgtatttct catatgcttc ttcactcata agttcatcta gttctgaagg 180
gttactcagt gtcactttga tcagccaacc atcttcataa caagatttgt ttacaagtcc 240
tggattttct gcaagagctt cattaatttc agttacttct cctgggtaaa gggggaaaata 300
gaggttcact angcaggtnt ttca 324
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<210> 3653

<211> 479

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. W93726

<220>

<221> unsure

<222> (1)..(479)

<223> n = a or c or g or t

<400> 3653

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tgtagtccaa taatatTTTta ttgtcaatag cataggagaa attcaatatt gaatctcaga 60
acaagaagaa cctattttaca atgcatgtca aggaagagat gggagaagga atgtcacaaa 120
atttttttgg aaatacatat tttttataga gaagtaatcc atgaacctgc aacatggata 180
gcttatccaa ccaactttac aaattactat taatataagt tacatgcttg ccatctaaag 240
taactaaacc catagactga aaaactatgt gtcaaggtaa cgtgagcact ttaatcactt 300
tacttatatt ttctaaaggc agtagtttcc tctccttttc ccgctatcca tattaggatg 360
aagagacaag ttccctttcca acaccaaatt ctggatatcg ggctattggg ggaggaatcc 420
ctgggtggcga gtcagctaga agcccttggc caccaggnc caggtggcca acccaatgg 479
```

<210> 3654

<211> 562
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. W93943

<220>
 <221> unsure
 <222> (1)..(562)
 <223> n = a or c or g or t

<400> 3654
 tagaagaaaa gagaagttac tttattacaa tttgttatct catcccgagg tcagggcccc 60
 ttgcttagtg ggaaaaaaaa cccttttagga ctgagtctcg gaacagcacc tgtcctaaac 120
 ccaacttctc tgtgatgccc ggatttcttg attttgatcc agtagctgct cattttcctg 180
 cctttttacat ttaggagatt caagctctgt catttcctct agctgcccct gaagtccgct 240
 cttcctgcag ggcccaactc cacgtagagt gagtgcagcc acacagcagt aaccagatag 300
 agcagcctcc cctgcagaca tgagcaaaga agggatccag agagccaagg ctgtatcata 360
 gattcttctg ggggtcaaagg ggcagtcagt atgtcccggc ccctcatcca gtggtaccag 420
 aggatccagc agtcctgggg tggcagtcag caataaggcg gcggccaccg ttggggccaca 480
 gtgagtgaca cagcaagaag gaggccagc gagcaggcna cggacaagag caggntcacc 540
 agagctagtgc ccagcaggac cc 562

<210> 3655
 <211> 468
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. W94281

<400> 3655
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 agacacttct gaaaagagat ctaattgaga aaatatataa agcatttaag agtttcatcc 120
 ccagagactg actgaaggcg ttacagccct cctctccaag gctcagggct gagaacgggt 180
 agcatatcga atgatcagta aaaacatgca aaagttagaa ggaaagggaa aaaggtgcat 240
 tcccctaagc tgagggggat ggaatttctc aacagaggag gcaggggtgga caagtaccag 300
 gtggtctctc ctttccctct gtgttatctt tcaaaacagt tccaagcttg gagaaagcaa 360
 tgagctccac ctactcagca gaaccacagg ctcgctcccc gtggacgtga ctgagcagtg 420
 accttgctg ccccgcttct cagccgctcc ccctcgtgcc gaattctt 468

<210> 3656
 <211> 406
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. W94427

<400> 3656
 cactaggaaa caaaggatat tttattcctt ttttctgttg ttgttgagga tagatcacga 60
 tacagagaac agcaatgggt cacagcgcac ggtttggttg gtttccgcgg gaacacagag 120
 gacaggaggg gcgggatctg gggttagatt ccactctcgt tatgacctc aacctctcac 180
 tgttcccaag ggctgcacgg agcctgctga gtctccaacc cacctcgtc accgctctga 240
 ccaccgacag cagagaaaac ggatgcggga gttgcctctg ctgcccctc aaggggacgt 300
 aggagagaaa gcaaaggcct ctgctctccc tccatccatc ccggtgtgct ggccccaacg 360
 gaacaggagt ctttcaacta ttgcctgcca gagacccaat tgcagg 406

<210> 3657
 <211> 506

<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. W94885

<220>
<221> unsure
<222> (1)..(506)
<223> n = a or c or g or t

<400> 3657
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gagtgcataa cacctgacag cagcaagacc ttttgaggaa ccgaacattg actacagtat 120
atcatgcaag tatctatata tacacaaaag aattcctttt cttaaaaaaa aaaaaaaaaa 180
aggtacaaaa catgttcagg gataaatata agatacaaaa tgcaaaagaa aacacaaaac 240
aaaacaaaaa aatagaactc tctcagagaa ctataaacgg aaggacaga agagtacctc 300
tgctgcattt taataaagca gaactaccga cgtaaataat acttcttgga aatggctgaa 360
ctaaaccggg gtggctcagt gcttaaggta acggccaatt ggcaatacac aggcggctgc 420
attgataagt cgggtgggtt gaagttgtgc atcccggact ctaagtacca taacgtttgg 480
gcagtagcac ccngaacagg aacgcc 506

<210> 3658
<211> 174
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. W94942

<400> 3658
gtattatatt tttattgttg gcttaaaaaa attacttctt taacctcctt aatttgctcag 60
tttgtgggag gtgaatctca atggcatcaa agtttatagt cttcttacac ttgttaaaaa 120
taaagtgttt aaacaagttt gtttccattc acaaacttac tccaactac aaaa 174

<210> 3659
<211> 497
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. W95041

<220>
<221> unsure
<222> (1)..(497)
<223> n = a or c or g or t

<400> 3659
cgttggcaaa atatatttta tttgttcata caaagaaata gtatgaatta ccagaatttc 60
acttgccctag aaacatcttt ctctgtgtaa aattaatttg tggtatacat aggacaaaat 120
acttgattta attttttgta catattcggc tatcctaaca tccaagttat cgaagacata 180
ctgtcagaat ttgcacagta ttttagatta cttgggtgaa tgagactcag tgataaatta 240
atgtcacaaa agtgagaaaa catctaacca cacctttaag ttttattggc catcctcttg 300
ataagctgaa aagtcacatt agcttctgtg tcagcatctt agatacgtac tgtttctagt 360
ttattggaat cttccatttt ctttttttac aaaaatatcc tgggcaggat ctgaaactgg 420
tttctccaaa tgtctaaaat atatctgtca caccaaata ccccaaaga gaatccnggg 480
gaagaaaaca atttctc 497

<210> 3660
<211> 327

<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. W95348

<400> 3660
ctggaaggaa cggatgggcc tctagtgaca gatccagaga cacacaagag caccaaagca 60
gctcatccca ctgatgacac cacgacgctc tctgagagac catccccaag cacagacgtc 120
cagacagacc cccagaccct caagccatct gggtttcatg aggatgaccc cttcttctat 180
gatgaacaca ccctccggaa acgggggctg ttggctgcag ctgtgctgtt catcacaggc 240
atcatcatcc tcaccagtgg caagtgcagg cagctgtccc ggttatgccg gaatcattgc 300
aggtagtcc atcagaaaca gggagct 327

<210> 3661
<211> 421
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. W95477

<400> 3661
ccatataaat cttttactta aaagtcatat aaaagaataa aaaatgcaga tttctgaatc 60
aactgtagat aaggaagcaa atgatgttga aagggtgcca ttaatttaaa atttcatcat 120
aggaatttgg gtgacctttt gcactcagta ttaaaaaaaaa ccatcaagtt gctctttgga 180
acagtagcat ttagggtttt tttttttttt ttttttgtca cacttgttta tttctttggg 240
atgttgctgt gtgtcgtgga agaaacactc ccctgaaaac tgtaaccaa caaagtttgg 300
ttaaaacaaa gttggttcct ttgttttcat ggaaatgtca gacaactatg aaaagctaag 360
gaagcatgtt gaactgaagg tctggctttg gtaaattagg cagagatgtt ctcagcagca 420
a 421

<210> 3662
<211> 478
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. W95795

<400> 3662
cactgggtgga tgtgaccaag gtatcaatga gctcacaaaa tgatggcttc ttcgccgtcc 60
acctcaaaga gggctcagaa gcagctagta aaggagactt tctcttcagc agtgatcacc 120
tgattgaaat ggccaccaag ctctatcgca caactctcag ccaaaccaaa cagaagctca 180
atattgagat ttccgatgag ttcctggtac agttcagaca ggacaaagta tgtgtgaagt 240
ttattcaggg aaaccagaaa aatgggagtg tccaacatg taaacgaaaa aacaaccgtc 300
tccttgaagt tgctgtccct taactggcga ctctctctta ctttcatgga cttgttcctt 360
tgtaatagtg caatttggtt ttgttttatt tggggttcat tgtatgtttg ggaatcacca 420
aaggctttta gagttccttg gcaaaataaa aatatttgac taatcaaaaa aaaaaaaaa 478

<210> 3663
<211> 436
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. W95841

<400> 3663
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caagctccac ctcccggatt cacaccattc tctgcctca gcctcccag tagctgggac 120

tacgggcacc	cgccaccaca	cctgggcta	tttttgtact	tttagtacag	acgggggtttc	180
accgtgttag	ccaggatggt	ctcaatctcc	tgacctcgtg	atccgcccac	cttggcctcc	240
caaagtgtg	ggattacagg	tgtgagccac	cgcgcccggc	caaatgcatg	cttctttaat	300
caggccacac	agccctcaac	ttcacagggc	aggtgtatgc	gagtcacott	tggctttgtg	360
cttcttacac	agtcaatttc	ttcagtagca	catcacaaaa	ttgaaaccat	aatagaattg	420
cccaaagcct	cgtgcc					436

<210> 3664

<211> 882

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. X00129

<400> 3664

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gtgtgggccc	tcttgctggt	ggcggcggtg	gcagcggccc	agcgcgactg	ccgagtggagc	120
agcttccgag	tcaaggagaa	cttcgacaag	gctcgttctt	ctgggacctg	gtacgccatg	180
gccaagaagg	accccagagg	cctctttctg	caggacaaca	tcgtcgcgga	gttctcgggtg	240
gacgagaccg	gccagatgag	cgccacagcc	aagggccgag	tccgtctttt	gaataactgg	300
gacgtgtgcg	cagacatggt	gggcaccttc	acagacaccg	aggaccctgc	caagttcaag	360
atgaagtact	ggggcgtagc	ctcctttctg	cagaaaggaa	atgatgacca	ctggatcgtc	420
gacacagact	acgacacgta	tgcggtacag	tactcctgcc	gcctcctgaa	cctcgatggc	480
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gcgcagaaga	ttgtaaggca	gcggcaggag	gagctgtgcc	tggccaggca	gtacaggctg	600
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gaatctagtt	tcattctgaga	acttctgatt	agctctcagt	cttcagctct	atttatctta	720
ggagtttaat	ttgcccttct	ctccccatct	tccctcagtt	cccataaaac	cttcattaca	780
cataaagata	cacgtggggg	tcagtgaatc	tgcttgccct	tcctgaaagt	ttctggggct	840
taagattcca	gactctgatt	cattaaacta	tagtcacccg	tg		882

<210> 3665

<211> 1761

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. X00351

<400> 3665

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cgctcgtcgt	cgacaacggc	tccggcatgt	gcaaggccgg	cttcgcgggc	gacgatgccc	120
cccgggcccgt	cttccccctcc	atcgtggggc	gccccaggca	ccagggcgtg	atgggtggca	180
tgggtccaga	ggattcctat	gtgggcgacg	aggcccagag	caagagaggc	atcctcacc	240
tgaagtaccc	catcgagcac	ggcatcgtca	ccaactggga	cgacatggag	aaaatctggc	300
accacacctt	ctacaatgag	ctgcgtgtgg	ctcccagga	gcaccccgctg	ctgctgaccg	360
aggccccccct	gaaccccaag	gccaaccgcg	agaagatgac	ccagatcatg	tttgagacct	420
tcaacacccc	agccatgtac	gttgctatcc	aggctgtgct	atccctgtac	gcctctggcc	480
gtaccactgg	catcgtgatg	gactccgggtg	acggggctcac	ccacactgtg	cccatctacg	540
aggggtatgc	cctcccccat	gccatcctgc	gtctggacct	ggctggccgg	gacctgactg	600
actacctcat	gaagatcctc	accgagcgcg	gctacagctt	caccaccacg	gccgagcggg	660
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tgggcatgga	gtcctgtggc	atccacgaaa	ctaccttcaa	ctccatcatg	aagtgtgacg	900
tggacatccg	caaagacctg	tacgccaaca	cagtgtgtgc	tggcggcacc	accatgtacc	960
ctggcattgc	cgacaggatg	cagaaggaga	tactgcctct	ggcaccacgc	acaatgaaga	1020
tcaagatcat	tgctcctcct	gagcgcaagt	actccgtgtg	gatcggcggc	tccatcctgg	1080
cctcgtgtgc	caccttccag	cagatgtgga	tcagcaagca	ggagtatgac	gagtcggggc	1140
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tcttgacaaa	acctaacttg	cgcagaaaac	aagatgagat	tggcatggct	ttatgtgttt	1260
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<211> 2209

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. X01038

<220>

<221> unsure

<222> (1) .. (2209)

<223> n = a or c or g or t

<400> 3666

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2209

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<211> 558

<212> DNA

<213> Homo sapiens

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<223> Genbank Accession No. X01388

<400> 3667

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<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. X02160

<400> 3668

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<213> Homo sapiens

<220>

<223> Genbank Accession No. X02176

<400> 3669

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<211> 1843

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. X02750

<400> 3670

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 <212> DNA
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 <212> DNA

<213> Homo sapiens

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<223> Genbank Accession No. X03342

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<211> 2532

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. X03350

<400> 3673

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<212> DNA

<213> Homo sapiens

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<223> Genbank Accession No. X07618

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 <211> 1270
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. X07619

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 <212> DNA
 <213> Homo sapiens

<220>
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<212> DNA

<213> Homo sapiens

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<223> Genbank Accession No. X07767

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<221> unsure

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<223> n = a or c or g or t

<400> 3691

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<211> 1743

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. X07820

<400> 3692

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<213> Homo sapiens

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<223> Genbank Accession No. X12447

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<212> DNA

<213> Homo sapiens

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<213> Homo sapiens

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<223> Genbank Accession No. X16323

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<213> Homo sapiens

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<213> Homo sapiens

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<223> Genbank Accession No. X54942

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<213> Homo sapiens

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<223> Genbank Accession No. X55283

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<213> Homo sapiens

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<223> Genbank Accession No. X55715

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<213> Homo sapiens

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<212> DNA

<213> Homo sapiens

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<212> DNA

<213> Homo sapiens

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<212> DNA

<213> Homo sapiens

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<223> Genbank Accession No. X59812

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<212> DNA

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<212> DNA

<213> Homo sapiens

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<223> Genbank Accession No. X60673

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<213> Homo sapiens

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<223> Genbank Accession No. X67325

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<223> Genbank Accession No. X67491

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<213> Homo sapiens

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<223> Genbank Accession No. X68277

<400> 3774

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 <212> DNA
 <213> Homo sapiens

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<220>
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<211> 2461

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. X78706

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<221> unsure

<222> (1) .. (2461)

<223> n = a or c or g or t

<400> 3798

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 <212> DNA
 <213> Homo sapiens

<220>
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 <211> 591
 <212> DNA
 <213> Homo sapiens

<220>
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<211> 1198
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 <213> Homo sapiens

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<220>
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<211> 4000

<212> DNA

<213> Homo sapiens

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<223> Genbank Accession No. X79981

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<213> Homo sapiens

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 <211> 2225
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 <213> Homo sapiens

<220>
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 <212> DNA
 <213> Homo sapiens

<220>
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 <211> 1059

<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. X95404

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<212> DNA
<213> Homo sapiens

<220>
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<211> 1205

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. X97160

<220>

<221> unsure

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<223> n = a or c or g or t

<400> 3835

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1205

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<211> 1314

<212> DNA

<213> Homo sapiens

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<223> Genbank Accession No. X97324

<400> 3836

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<211> 1315

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. X98337

<400> 3837

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<223> n = a or c or g or t

<400> 3838

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<212> DNA

<213> Homo sapiens

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<223> Genbank Accession No. X99133

<400> 3839

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<211> 2093

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. Y00317

<400> 3842

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<211> 1965

<212> DNA

<213> Homo sapiens

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<223> Genbank Accession No. Y00318

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<221> unsure

<222> (1)..(1965)

<223> n = a or c or g or t

<400> 3843

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<210> 3844

<211> 1523

<212> DNA

<213> Homo sapiens

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<223> Genbank Accession No. Y00339

<400> 3844

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<211> 2156

<212> DNA

<213> Homo sapiens

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<223> Genbank Accession No. Y00451

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 <212> DNA
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<220>
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 <212> DNA
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<211> 515
<212> DNA
<213> Homo sapiens

<220>
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<210> 3849
<211> 2303
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. Y08302

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<212> DNA

<213> Homo sapiens

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<223> Genbank Accession No. Y08374

<400> 3850

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<210> 3851

<211> 461

<212> DNA

<213> Homo sapiens

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<223> Genbank Accession No. Y08409

<400> 3851

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<220>
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 <212> DNA
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<212> DNA
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<211> 2370

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. Y10032

<400> 3855

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<212> DNA

<213> Homo sapiens

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<223> Genbank Accession No. Y10659

<400> 3856

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<223> Genbank Accession No. Z14093

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<212> DNA

<213> Homo sapiens

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<212> DNA

<213> Homo sapiens

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<223> Genbank Accession No. Z23090

<400> 3865

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<212> DNA

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<223> Genbank Accession No. Z24459

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<221> unsure

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<223> n = a or c or g or t

<400> 3866

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<212> DNA

<213> Homo sapiens

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<223> Genbank Accession No. Z24725

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<221> unsure

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<223> n = a or c or g or t

<400> 3867

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<212> DNA
<213> Homo sapiens
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<212> DNA

<213> Homo sapiens

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<213> Homo sapiens

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<223> Genbank Accession No. Z37987

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gaacttgtga atggcatgta cagaatctat gacatggaga acgtactgct tgggtctctt 1080
tcaacaatcc atgattctat ccagtatgtc cagaagaatg caggaaagct gaccaccact 1140
attggcaagt tatgtgcccc ttctcaacaa cgccaatata gatctgctta ttatcctgaa 1200
gatctcttta ttgacaagaa agtattaaaa gttgctcatg tagaacaatg agaaacctta 1260
tccagccgaa gaagggaact aattcagaag ttgaagtctt tcatcagctt ctatagtgtc 1320

```

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ttgcctggct acatctgcag ccatagccct gtggcggaaa acgacaccct ttgctggaat 1380
ggacaagaac tcgtggagag atacagccaa aaggcagcaa ggaatggaat gaaaaaccag 1440
ttcaatctcc atgagctgaa aatgaagggc cctgagccag tggtcagtca aattattgac 1500
aaactgaagc acattaacca gctcctgaga accatgtcta tgcccaaagg tagagttctg 1560
gataaaaacc tggatgagga aggggttgaa agtggagact gcggtgatga tgaagatgag 1620
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aaggacaacg agataagcac ctttcacaac ctgcgggaacg ttcattcccc gctgaagctt 1800
ctcaccagca tggccatctc ggtggtgtgc ttcttcttcc tggtgactg actgcctggt 1860
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tcttattttt ttctattttt tttttttgt tatcctgtat acctcctcca gccatgaagt 1980
agaggactaa ccatgtgtta tgttttcgaa aatcaaattg tatcttttg aggaagatac 2040
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tgccaaatta ttctcctatg tttggctgct agaacatggg taccatgtct ttctctctca 2160
ctccctccct ttctatcggt ctctctttgc atggatttct ttgaaaaaaa ataaattgct 2220
caaataaaaa aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa 2280
aaaaaaaaaa aaaaaaaaaa
2300

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<210> 3880

<211> 228

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. Z38150

<400> 3880

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cagactttta atgttttatt ttgttgattc tgtacaccgt cagaaacaag gttagaagta 60
aaataaagtg ccagttaaat tcggctacta ccaacaacca aaaccttaaa catagaaaat 120
caaagtaaac tgcggaaagg tcatagcata accttgggta aaggaatttg ttaacgtctg 180
taacaaatcg aaactgacta cgtatgtagc ttttcaactg caagacgg
228

```

<210> 3881

<211> 234

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. Z38161

<220>

<221> unsure

<222> (1)..(234)

<223> n = a or c or g or t

<400> 3881

```

gatcttccaa aaatttatta agtgtttact tttaaagtgg aaacaatggt ttnaagaggt 60
gatataaaga aatgccccca ctgtaatccc taccatattg tgattctatg tgggtgggagg 120
gaggggagaa tgattccttt ttctagaatc agagaatttg gaaagtatca agaaagataa 180
taacagaaaag catgaaatag agttgtgctt tgaagatgaa ttggatgaaa ttgt
234

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<210> 3882

<211> 172

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. Z38192

<220>

<221> unsure

<222> (1)..(172)

<223> n = a or c or g or t

<400> 3882

acagtgattt caaacagttt aatgtaattc caagacaaag tgtgattaca tttctacaca 60
tatacaatat gcatatgtga gtttacaaat ttttaattaat aagtcatttc acctcggaga 120
ccgaaaaant gntcaaaaag aaactntgng taacangcta taacatagtt ca 172

<210> 3883

<211> 260

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. Z38266

<400> 3883

aaaccacaaa tacgtttatt cctctaaaaa cagtatacca tctttccaat tttcaaaatg 60
ttattatcaa ttgtctgcag attactctca ttaagctgat ttttaaaaaat ctcagacaga 120
gcagagcaat tcaccagcac catcatcaag tgagctacaa atctatcttt taccagagca 180
aggagacact taagatcaat tcaagagaat agctttcagt gttcacagaa ggggtactca 240
cattcatttg tcacatattt 260

<210> 3884

<211> 273

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. Z38299

<400> 3884

acgtttttgta tgtttttttta tttgctccag gtgggggttt gactgtcact ttcccacact 60
ctggattagt tctgatccca ccacaaggag ccctcgaatt ggctaaagtg agaaactggg 120
cctgaagact ccgtaccctc tgccatcttg ccgaggagtg ctccttttag aaaacaatca 180
aagggttatt gcatgagtct ggatgaatcc cactctcagc tgtccacggg cccgaccacc 240
tcactagacc cccttttttg caggggagaac ctg 273

<210> 3885

<211> 277

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. Z38404

<400> 3885

ggctgttgct tgtttttatt tttgtccaag agaggtggtg ttggaccgag gtagagaaga 60
cagtgggtaca ccagaaataa cccaaaggat tgccccttct gtagaaggcc cttagactcc 120
atgatgcctt tcagctgggt gctatacttg cacctaactc tgggggcttc actttctatc 180
cctacaatta ctcaaacaga taaaaggctg gatgttaaca tgtagttata aggggcgtga 240
tctaatagta aggaatatca cttcccacaa gtccttc 277

<210> 3886

<211> 177

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. Z38431

<400> 3886
 cttgttaaag aaaaccagtt tattctaaaa agctctaaat gccctgtgct tgggccctgg 60
 tcagggagag gtctcaagag gttactacct gcacaggggc tgaaggtaca gggggaaagt 120
 cagggttcag ttggttgagt cctaccttat ctgtttgtta ggctttttct agaaagt 177

<210> 3887
 <211> 257
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. Z38435

<220>
 <221> unsure
 <222> (1)..(257)
 <223> n = a or c or g or t

<400> 3887
 ctaaaactac ctttattgtg gttggctcga cataagatgc cgccatcagc agaattataa 60
 aactgtacag gaggcacaaa aataggctgt ttaacttaga taatgaccct catgtcttca 120
 agcttttaaaa atgcacataa aagttgtaca atctggcagt ttataaaata taangctaaa 180
 aagaggattt tgggttccac aaagaagact gtatcacaca attaacacgt actaattaaa 240
 caattaacca tccacac 257

<210> 3888
 <211> 276
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. Z38444

<220>
 <221> unsure
 <222> (1)..(276)
 <223> n = a or c or g or t

<400> 3888
 agggaaaagt atatttacta gacttccata atccatactt acttttaaatt caatctagaa 60
 ataacatgac tcatattagg caatatactt tgaagatctg tacaacatag taatcacagc 120
 aggggtcttg taactcacia atttagcata catgctgcaa aaacatctct cctggngtcc 180
 caagggtctt caaatgttcc accaggggca gtcaagacta gattcacggt gctctcttca 240
 tcatgcgcac aaaatgtgtt ttcccataac accata 276

<210> 3889
 <211> 222
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. Z38462

<220>
 <221> unsure
 <222> (1)..(222)
 <223> n = a or c or g or t

<400> 3889
 gtcaataaat aattccactt taatggcaaa gtaataattt agacagatac aggggtgcaca 60
 tttgcaaaaa aatatatgca agctggttta caagctagag gnacaataaa ccaatagaaa 120

atacatcatc cagttaagtc cattgacacc aagtacttat tgttggggct ttacaaagac 180
 tacaaaactt ttcagatgat ttatttcact gtttctgcct at 222

<210> 3890
 <211> 268
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. Z38688

<400> 3890
 aaaattaaat ttctctttat tcaattgcct ctgagtagtg ctgtgatttc caagtgccag 60
 gtagttaggt gtacaaatat acataccaca gaaacataca gtttttaaaa aaattaagaa 120
 actggctgca tctgacgaca tcaagaaaaa agataattct gattcaaggg cttctccaga 180
 agatgggggt tcatgggcat gacgctcata ggatgacctg tcatttttgt actatTTTTT 240
 ctagaacctat agagggatga cagtaact 268

<210> 3891
 <211> 273
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. Z38729

<220>
 <221> unsure
 <222> (1) .. (273)
 <223> n = a or c or g or t

<400> 3891
 gtatgttggt tcatTTaatt cttaaataat cctttacaga ctcagagagg tgaagagagt 60
 agcacaggta gtatcagaat tgggattcaa acctgacaca tacactgagc actaagttaa 120
 aaccgggcac tgggcagctg ctgaggatgc gatggtgagt acancagact gcttgctctt 180
 tttgatatct agaattctac agctctgctt gctcatcctt gtctgttgtc atttactagt 240
 tgacatcttc gttgactacc tagaagcagc tgc 273

<210> 3892
 <211> 293
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. Z38777

<400> 3892
 ataaaacaca attactttat tgattttctta caataaaata ctgccaaacta gcattacgctc 60
 cactcttgca tcattaaaaa caaagggtat ttctctcttg gtattttcaa atgatgcatt 120
 atacaataaa cgaagttaga acttaaaatg caccctgatt aattatgtaa actggtaatt 180
 tgtttttaaaa agcataataa tttggttcct ttcttcataa aatggaaatt taaatatttc 240
 ttctgatagt cttgagggtta tcattatgag tagtgcaaag tgtggcacat ata 293

<210> 3893
 <211> 238
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. Z38904

<220>
 <221> unsure
 <222> (1)..(238)
 <223> n = a or c or g or t

<400> 3893
 ggcatttaat gcactagatg ctcttatctt tttaaaaaca taagaaaatg tcagaagatt 60
 aataatacta cagatgttgc caaggaacaa gactgaccta aaattacaaa agtataaaac 120
 acaaaaatat aacatgctac aagggaaaat tagtacataa gtacacttaa aaaattttnc 180
 aataaataaa gattgcactg taattggcat ttaaagtact gtatgcagaa tataatat 238

<210> 3894
 <211> 289
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. Z38909

<400> 3894
 ctttaacttc aatagaagag tagataaaaac taaaaaccct tattgtctcc aagtgtgtgg 60
 caaaatagaa aatctttcaa ttacattagg aaatcgggtg gataacggag tatagttatt 120
 ccacttaaga agcattccag tcaaataatc acaaaaacaa attcagattg cttgggatctt 180
 ggtcatttat ggcttgaaga actggatttg aaaccactt taggctaaaa taaatgtata 240
 tgaataatgc atagactgtg tatctagaaa atcatgcaat aaatatatg 289

<210> 3895
 <211> 285
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. Z38910

<220>
 <221> unsure
 <222> (1)..(285)
 <223> n = a or c or g or t

<400> 3895
 aaagttctga ttggctactg taaaggcaat cttagaagat gcatgtaaat ataataataa 60
 tcaactttct tatcaattag acattttccc cactcacatc tcttagtttt tagggatttc 120
 agtcccagca accaaaaaaa aaaatgtaaa tcatattttg tttctggcta atgttcaatc 180
 agtttttncct ttataagagc ttttgatgta ctgtttctac ggttcttttag gcacttacac 240
 ataaaaacat tcagagggtt ttccccttaa cacacaactt ttaat 285

<210> 3896
 <211> 292
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. Z39059

<400> 3896
 ccagggtcaac acgtttttat tgccacttct ggctcccctc gtcccagcaa gattcctacc 60
 tcttaccctg taggaatact gagctccgat gcaggggaat ggggtggggg tgttaccact 120
 tctcctctgc acactgccaa gttaaagaaa accctgcttg ctggagaggg agggccagac 180
 agggaggaat tcaagggcat gtatggctca gtcccacttc tgactgcaga gtatagggac 240
 cagggttcca aacttttttc gaagtaaggg aggtggggaa gaatttggct gc 292

<210> 3897
<211> 299
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. Z39079

<220>
<221> unsure
<222> (1)..(299)
<223> n = a or c or g or t

<400> 3897
aatgggtcagc aatgtctttt taatacagat gtggtacaga atgtttaatt acagcagggc 60
agtgattcca gttaaataaa attaaaaacc tttattttcc caaatataaa attactaaat 120
taaagtctta aaagaaaata taacatgggtg acagctttaa agtacaccac cattcaccac 180
aggntttatg atttaccat tacatactcc accattttgg caaaaggatg aaattcttaa 240
aactgtttat aaacctaata tagtaaagac tgtatacatc tccatattgc acattttta 299

<210> 3898
<211> 312
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. Z39191

<220>
<221> unsure
<222> (1)..(312)
<223> n = a or c or g or t

<400> 3898
gaaaacaaaa taaatttatt cgtcctcctc cacataacat tttccctgaa ggagagtgtc 60
cctggcacct ggcccagctt ccacaatgga atggataggc cccttcctc cttttactcc 120
ctaattggcc caaagctttt gaacagaccc tcaaaccaag cagaggaagc catggtgtgc 180
cttcaccac tggagggtta catttgaaat tgggtgtcca attttaaaac gtcccagctg 240
ccataggaga ggctcttggg agtggcctcc agntcttgac aagggccac agaggccact 300
gccccatcac gg 312

<210> 3899
<211> 174
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. Z39200

<400> 3899
gtatgagtct gtgatgtatc aagtgtcca actactcaag gtagcgcaga agggaaaaca 60
ggcacaggcc ggggggtttt ggggtgattac acaaattgggc ttggcctcct taccctactg 120
caaactgctg aggcgcaagg gagctcccag ccctcagcct ggaccctggg accg 174

<210> 3900
<211> 256
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. Z39379

<400> 3900
cctgatgggtg gaaatcattt tatttctcata cacagggttat tacagcacaa ttaggaagag 60
acaatcacaa ctacacacaa gctatattca aattatgcc aagtcccaac atattcattt 120
catttgcaag ttaattccta aaagatcaga gcagagtgat acacaagttt attaacacag 180
actacaacgt caatgaagcc tcctggcatt gtcggaaata gaaaacatgt ataaaaatct 240
tcgaaatgca ggtaa 256

<210> 3901
<211> 307
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. Z39394

<220>
<221> unsure
<222> (1)..(307)
<223> n = a or c or g or t

<400> 3901
gacacttcct taaatacatg tttattttac ttcaatatcg ctacagggttg tatgtatttg 60
aatacttcag tactattttg aacattccta atatgaaata ccataaagcg ttcaaattta 120
tcaaacagtg gtacaatatg gttactaaac ttgcaactta atttacaatg acgttcaatt 180
ttncctcttc aaataaaaatc actgactttg gtccatttga tgagaaacta ggacatatgc 240
catgacagca tacttctagc actctatgta ataagcaaaa gataatttag ctaatataga 300
caggtaa 307

<210> 3902
<211> 312
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. Z39406

<220>
<221> unsure
<222> (1)..(312)
<223> n = a or c or g or t

<400> 3902
aactgcaaa aaggtcatct atttacagaa gagtgattta aagacattat ggttttcttt 60
acagatgtaa gancagcaac tgttcacttt ttaaaaactc tacatctcaa ccctccacta 120
ttattatagt ccactgaatt gcctgtatca aaggcagttt tttgtttgtt tttttcccat 180
ttgactctcc aaatgaactt ccatcatttc ttcacatct gtgggctggc tctcctgaaa 240
agtctcaggg aataagtcac aggagggcag gtttttgacc tgctactaaa aattaaacca 300
caaaaactag ag 312

<210> 3903
<211> 352
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. Z39429

<400> 3903
accaaaagaa atctttattc ttcagcaggt agacaacatc tgccaaccct ggtcctcagg 60
gccacactca tatgcactca cccctcagca gcatatcgcc ccttttctga catataaatg 120


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caagagaccc aggaccctag atctttcttc aaacgcaagt gttctcacac acacttattt 180
tacaaatcca ctagaaatat ggactcttat gttctttgta cagccatgca acagaggcct 240
agcatttgtg ctgtgtctgt gggaaaggca gtcagagacc agtgggttcc ctgctttggg 300
gaagatggct caacagttag taatcccagg ttagattgtc agaacagtct ag 352

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<210> 3904
<211> 258
<212> DNA
<213> Homo sapiens

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<220>
<223> Genbank Accession No. Z39431

```

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<220>
<221> unsure
<222> (1)..(258)
<223> n = a or c or g or t

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<400> 3904
acaaatnatt tcctttattc cccctgcctc ccaatttcca ggtagctcta caaagacatt 60
cagacagagc cacatgcagg ctgtccttca aacacagaga aacaaaactg agccactggc 120
tgagatcac atntgcccac aggtggactt ttctcattca atgccactgg gcagctggcc 180
aaagaaaaaa aaactgacca agcgggaagg ttgaacaggt tggggtgagg actcagaagg 240
gggtgcccc acatccat 258

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<210> 3905
<211> 347
<212> DNA
<213> Homo sapiens

```

```

<220>
<223> Genbank Accession No. Z39476

```

```

<220>
<221> unsure
<222> (1)..(347)
<223> n = a or c or g or t

```

```

<400> 3905
gctttccagc ttttatgaaa attaataaca ttaatagctc acagacatat acatacacac 60
acattgctat gtacacagtc attaagttat taattaggct ctgtaaaaaa aaggtttcta 120
cattagtgtt ccgggctagg cccantcagt ccttggcata ttcacagtgg cagccccagg 180
gcttggcccc acaggcaggc agaggggagg caggaggcca cagagcagcc ggccccacag 240
tgagcacagc aagtgtcctg ggccacctcc ttgagtcttc agttcccttc ctagcacctg 300
cagtccagct gctcagcaag ccggcagaca ggtcctgatc ccttctg 347

```

```

<210> 3906
<211> 228
<212> DNA
<213> Homo sapiens

```

```

<220>
<223> Genbank Accession No. Z39569

```

```

<220>
<221> unsure
<222> (1)..(228)
<223> n = a or c or g or t

```

```

<400> 3906
gggtgtcacat ccatttattg tccatgaggc tacagctcca ttctnagggc caggaatggg 60

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caagcctgcc cagtgtgcc ttcctgcctc ccagctcttt ccctggnggc ctaccatggt 120
gccagcctgg agctctgcct gtcctactgg gaccgagcag acagccccctt ggccccaccat 180
tcgtaacaca gggacttggc tggcctcacc ccantggcgg ggtctcct 228

<210> 3907
<211> 296
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. Z39622

<220>
<221> unsure
<222> (1)..(296)
<223> n = a or c or g or t

<400> 3907
aacagaaaga aaaaagttcc tggacaccag acccacatat ggtattttaca aatttggtgt 60
gaaccctgcc tctggttctg cccagagctg aagagtgaat ctattacaga gatcagagct 120
gtcaggataa ttatcaagtg cagtaaaaaa tagcattttg aaaaaaatat ataccttttag 180
tattgccttt ctagaattaa ctataagcaa gaaaaactta ttttttaaag angaaaagaa 240
tacttttnca ctcttactta taagagctgg ttgtagcagc actactaaag ctagtt 296

<210> 3908
<211> 322
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. Z39682

<400> 3908
cagatacaaa gcagtattta tacattttatt tatatatgta tatttacttc agaagaaacg 60
aacattttcgg ggacaggaag caagcaggcc cggggctgct tccctcactg cccacctcag 120
agtcagagtt ggcacatgac aaataccaag ctcagggaga agaactggga gttaactggg 180
aagttagggg cgctctatgc acacgcaggc ttctaagggg gcacggtatg ggcaggagga 240
tttgcactgg gaggcctat gtacagcttg aagctagggg gagattagcc cagtgactac 300
aggaacaaac gccaaaggag ag 322

<210> 3909
<211> 335
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. Z39818

<400> 3909
gggttcaagt ggtcttttatt agatccacat aagaatctag aaaatgataa aatatcacia 60
aacacagcac aatgtgggtt caccaataat gaaatataga gagaggatct tatgttttaa 120
attttttgtaa catatagtcc aaaacaaata gataattata cattctgcaa tagatgagga 180
cattggcagg gcatataaaa ttagactctt gggcttcaaa tgactaagtt ggaagcatta 240
gcaaactcaa ggaagggaca attcagaggc tataatgggc ttaatgctgc tatttaaagt 300
aatgaagcat tttctctgct ttctggattc atttc 335

<210> 3910
<211> 342
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. Z39833

<220>
<221> unsure
<222> (1)..(342)
<223> n = a or c or g or t

<400> 3910
ctttatatgt attatatatt nnattaataa atagggttttc ttcattaaac acagaacata 60
taacagattg aaacactccc cccctccccc caattccaaa gacaagagtc tataaaacaa 120
atgccagctg tactacccta agggcagaaa aagtctggtg acccccaccc agccctgccc 180
ctgcagcacc accaccccca cactctgcaa gagaaggggg tctggggctt ctccttgga 240
ccctggggac ttaggtgaga agcatgtgaa tgtatgatgt cacctctcca tgaggcatgg 300
gctatgcaaa gatgaggttt ccttctcatt ggctctgacc ag 342

<210> 3911
<211> 302
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. Z39930

<400> 3911
ggtgcagaca aggcagcttt attgtacttt gggggagaaa aacatgattc catttacggg 60
gaaaaaagcc attgacactc agtaagcaac actgccatct agtggaatgg tgacacacca 120
ccaagaattt caagaccga taggaaatgt gagtggattt ggtttcaatt ttcaccacaa 180
aacagcactt ttaataagct ggttttcaga gaacttcaga tttttttgag aaactacttt 240
ttatctttta aatgcataaa tgtatgtgtt ttctctgttt tgggggggtg gtttaagaatg 300
ag 302

<210> 3912
<211> 273
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. Z39976

<220>
<221> unsure
<222> (1)..(273)
<223> n = a or c or g or t

<400> 3912
acatgaacaa cataagtatt tttttgaaaa acatttttcca ttttaagtaaa atggcaaatt 60
agctagagta gcttcttact gctaattcta tttgcactca cagtcacttt tattcatcat 120
attcaaagat attgctacca aaaatgattt cacaaagtat ttagaaaaaa tatatacagt 180
ctctctaata gaaagttaat taaaacaaca aagctaggca atatcaagct aagaaaggna 240
accaattgac atatataacc acaaataaat aaa 273

<210> 3913
<211> 289
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. Z39978

<220>

<221> unsure
<222> (1)..(289)
<223> n = a or c or g or t

<400> 3913
ctgcacattc cagttttggc ttttatttaa cattgactat acaataactct ggtactacca 60
catgtttaca acccagaaag atgtactttt atgttagtgt ctgtaaagag ggatttataa 120
tgtgtatttt aaacacagca gttgagctga gtgcatttnc tatagtacgc tgagggtgta 180
cctattctat ttcaaataaa ttctcaattc ccagccactg aatcataaat gcaataaaaa 240
aatcaacag aaatgangaa cttaataaaa catgttgtcc aaaaaata 289

<210> 3914
<211> 223
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. Z40006

<400> 3914
gagtgtatta aaggatgttt atttagaaaa gaaaaattag ctttgacaag agacacctgc 60
acatttgtgt agccaaggag atgtcagtga gagcagaagg tgaatccttc atggagactg 120
aacacaggtg gccagctgtg gcagcgacag tgaacacatg tcagtgtcgg cctgggggca 180
gagtgggtga atgctttaag tctgggtggag agcctgcctt gct 223

<210> 3915
<211> 310
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. Z40192

<400> 3915
gctgggtcaag gcagagttaa ctgaactgtt agtttcctcc tgcacacacc gggcatgaca 60
ccttcaagtc tgtccagcag tgggtccaga aagtaccctg tgtgccttgg acgcagaggc 120
tacagttctc actgtgtggc atgggagcct tcacagtgcc ctcgaggagct gccctgggtc 180
tttgtctgca aagggtgactg ggaggataga aaaagcagcg ggctggcatt gtttcggggg 240
tgggggtggg ggcagtgtgc ctgggcagtc gcagggaggt tgacttggtt ctgggctgca 300
agatctgtgc 310

<210> 3916
<211> 297
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. Z40259

<400> 3916
atagcaaata ataaatttat taggtgccta caagtacaaa atactgaaag ccgctgcagg 60
ggattataaa gatgtgtaag agacaagccc tgccctcaaa gagcttataa tctaggcaat 120
tagtcacaca aataagttgt gatggcgctc taagtacact cagcagagtt cttgaaaatg 180
ttcatatcct tcaaattctt ctcttgtaa attaaacagt gggaaagaga acttttgtgg 240
cattcactgg tgaccctgac tctgcttgca agcatcttcc tgctgttgca cgttgctc 297

<210> 3917
<211> 341
<212> DNA
<213> Homo sapiens

<220>

<223> Genbank Accession No. Z40305

<400> 3917

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cagaggtata tccattttatt gtgggcaaga cagggttatgg gagggagaga agaggaggcc 60
tggtctagcaa aggtgatctt aatatgtaaa tgaaacctta caggcagcag ctctcagaaa 120
gaataagctc taaaagtttc tttcagacct ttacagctgt cagactctca gttaatcttt 180
cctagatctg ggcaaggaaa gacttggctg catcaatgca gattccctac agatgcaa 240
ctcctcaacg aaagacaact ttgcagggtg acttctgcag ctggctttct gaacagacat 300
ctcaaaatat gtcaaagaaa tgtatttttg ggtaaaatat t 341
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<210> 3918

<211> 346

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. Z40556

<220>

<221> unsure

<222> (1)..(346)

<223> n = a or c or g or t

<400> 3918

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gagaatacaa gaacctttta ttttccatcc agttgggcag cagggaaagg ctaggtgggc 60
ccagcctgcc ctcccttctt ccagctggct ggatttatta tnagccagga gaaagcagcc 120
ctggaaccca gactctgtct cccccttgag gtcacagatg ttgaagttgg aatctcgctc 180
cttcccctga ctaccatcct aggttggggc tcaagactag tgaggcctgt cccaccatc 240
cctggccttg ttgtggggct caggaactca gagtcccagt gttgagtctg ggagcactag 300
gtcttcatag ttccaggccc agagctacag ctgggctggg agcatg 346
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<210> 3919

<211> 276

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. Z40583

<220>

<221> unsure

<222> (1)..(276)

<223> n = a or c or g or t

<400> 3919

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ctctgtaaaa gcatttcctc tgaatatattt attcagaaaa aaaacacaaa aagataagac 60
agaaacaaaa atcccagtc tctgcagtat ctgtcggctt tcaatttggt tctctttttt 120
aaataaagaa aaatagtaaa attaatctat gtaaaacatg ccatatatat tcaactgcta 180
ctaaatataa aangctttta aactgtgtgt tcaatttttg ttattgtatt accacaacac 240
ttatattaaa acatgtatac ttttaaattg ggtttc 276
```

<210> 3920

<211> 292

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. Z40715

<400> 3920

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aaaattcctt attttatttc aaaaaatgta ggggtgggga agtaacatga taaacattac 60
gatcagctcc ctatgggttc attctgcctc tgcgggggtc gggggcatac agtagctggg 120
gggcatgcca ttgcatggc aaccagatg cttagatgca ggtccctcct ggctgcttag 180
agctgggggg actaggcgcc ctccccgaaa gccccattc tgagttgttg gtgcctgccc 240
ttcccctgaa tctaagaact gattagtggg ttagactgca acagcagctc ag 292

```

```

<210> 3921
<211> 324
<212> DNA
<213> Homo sapiens

```

```

<220>
<223> Genbank Accession No. Z40883

```

```

<400> 3921
aatccaaacg cacttctctt tattcaaacc aggggtcaaac tgggtcaatgg gaaacgccct 60
gaagccacgt gcctggggag aaaggcttcc tactcggttc gggtcagcgc tgcgtgggat 120
ccacgggctg gctgtgcgca acccccacag ttcacctcag acactaccaa gcaggtcagt 180
cgacaaaagc aaggaattaa acaaaaaaca gaaatacact cagtagattt cttctagaag 240
ctcccagagt ttctggacca ccaagtccca acccccacaa ccaggagcga ggggactaac 300
agcgcacccc ctccaccagt gccg 324

```

```

<210> 3922
<211> 270
<212> DNA
<213> Homo sapiens

```

```

<220>
<223> Genbank Accession No. Z40898

```

```

<400> 3922
ggtcgttatg ctgcatttat tatgagaatc aacagtcaac agttaatgat tgactaactc 60
ttgttggttca ctctggacat taacgaaaaa gactggaata gggctacagc gctgctttta 120
tgctacacgg gttatgcttg gactctgact cccagcagca ggtagattca ggaattcatg 180
gcagtgacat tcaccatcat gggaaacacc ttcccttttc ttcaggattc tctgtagtgg 240
aagagagcac ccagtgttgg gctgaaaaca 270

```

```

<210> 3923
<211> 314
<212> DNA
<213> Homo sapiens

```

```

<220>
<223> Genbank Accession No. Z40902

```

```

<220>
<221> unsure
<222> (1)..(314)
<223> n = a or c or g or t

```

```

<400> 3923
gtctgtcctc cagcccagtt tctttgggct tcagggttgt gcgaaaatna ctgctacaag 60
gggtagaaat tgacagggag acactgaggg ggccaggcct gctataggag aagggtgttat 120
ttcgggggtgc ctgccccag ctgtttcctc ttctcttctg aggctttgtc tggaagcagg 180
acctccacag tgaaattgac cttcttgcca tgaatgaagc tgtaggtgtt gtcaaaccgc 240
agacatagat gccaggatca ctgcagggtga ggggtcccatc ttcagggacc aggtgggagt 300
tgtacctctg gttg 314

```

```

<210> 3924
<211> 277
<212> DNA

```

<213> Homo sapiens

<220>

<223> Genbank Accession No. Z40945

<220>

<221> unsure

<222> (1)..(277)

<223> n = a or c or g or t

<400> 3924

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atttaagtnc ttttttattt tcttccacac tggcaaaagt tccgagggag cctaaagttt 60
tgtaaacatt ttaactatcc ctcttaccac cccccaactt ttgantttac aaagcaaagg 120
agagtaggag cccaattttt taatggtttc ctctcccctc atgctatttg atccaaaaac 180
tatatacaat tttgtagcag tctctgtata gttattacac atgttttagaa gggaggggagg 240
caagaaggga tagggagaat ggtgatccaa aataata 277
```

<210> 3925

<211> 236

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. Z41042

<220>

<221> unsure

<222> (1)..(236)

<223> n = a or c or g or t

<400> 3925

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ttattagaac aatcaccaaa atgaggaaat tgacattgat atgatactat caggcaatac 120
agtacagacc agttgtctta ataatgtcct ttagagcaga agaaaatccc tgggcaggca 180
gtgtgtctcag ctgccacttc tcttttaggtc agaggagtgc ctttaggatg gtgaca 236
```

<210> 3926

<211> 235

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. Z41103

<220>

<221> unsure

<222> (1)..(235)

<223> n = a or c or g or t

<400> 3926

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gaaggtctac tctttattgc ccttgtacac aaaggaaggg ggtgttttgt tccaggtagt 60
gagagaggag cacccttcca aggctggctg aggaggcatg tcccaaagga agagttcaag 120
gcggtttcca gagaggaagg aacagccagg gccttgctc aacatgggaa cggatttngg 180
cctccacttn taggactcca gaaacagaaa gggctgtttn acggagctgg ggacg 235
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<210> 3927

<211> 193

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. Z41271

<400> 3927

aaacaccaca catacacaaa gcatttttaa ggagccacat atatctatat agcaactctg 60
actgcttttc aaagttacca gggaaaggaa cttattcagg ctttctttaa aaaaactcct 120
tagttttaat gtatatcttt ttaagattga tgctgtcatt tgaagtaaaa taatgtcata 180
tgataaatgg ggg 193

<210> 3928

<211> 173

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. Z41349

<220>

<221> unsure

<222> (1)..(173)

<223> n = a or c or g or t

<400> 3928

ggcagggttc cttttatttg ttctagacag tttgtggaag gaagagatga ggccatctag 60
aggccggcag ntcgcccagt gcccacaaaca ctgccaccct gaagtagtgt tggaagctgc 120
tccagggatg ttgcagccct aagcacagt acaggtgggg gcaggagcag cag 173

<210> 3929

<211> 272

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. Z41356

<220>

<221> unsure

<222> (1)..(272)

<223> n = a or c or g or t

<400> 3929

gctttaaatc ccgtatttat tgcccaaagc tcattagtat tacacaaatc acatagattg 60
agaaattttc tgagggttaa aagacgctgc aaaggccctt gggagtggct gaggcttgc 120
tgccggggcc tcaactctac tgggccaggc ttgaagacca ccctgggtct gtccaccagc 180
ctttttcctc ctctaggctc ctgccctttt ccaggccag aggcagtaac accaaagaag 240
tcggctcata accaggtgaa aggggtccgt cg 272

<210> 3930

<211> 237

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. Z41415

<400> 3930

cagggtacaat gtatatttta atatgggatt tgtgtagtga tttagagcat aaatatcaca 60
cagtgaacaaa tttatcacaa actaaatata gtaacaaaag gaaagaaaga gcttatgtcc 120
acatttccaa ggtctttaca ataagttata gcgtccaggc ccaacacagc atatttgc 180
acaaagccac tgatgtgaac actgaaagga atctgtcctg taggtctttc atcttga 237

<210> 3931

<211> 293
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. Z41634

<220>
<221> unsure
<222> (1)..(293)
<223> n = a or c or g or t

<400> 3931
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tgtagagcaa aatgatacaa tgcacccaac ccgatattta cattaaaata tttccagtca 120
cattaacttt caaacaaaaa gacttaacga atttacaat tttccaaga cgtgagangt 180
gaaaaatgtt tttgaatgcc atctgagcag gatagtaaaa tcactagant agtcctttta 240
agttctcagt tactggactg aaaagataaa gctgatgaaa attggtgaac aat 293

<210> 3932
<211> 242
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. Z41740

<400> 3932
aaactttaaa atttttttatt caacaatgta cacttattgt ctctcaattt gatctacaaa 60
ttttctcaagt tttttttctg ataaaataag taaatctggg tatggttgta gagtgtttgt 120
aatttatatt tttaaaacac tgaacatgat gaagacatca ataaaggaag atcatcacgt 180
aatgacact tcttcagaat ccatgacatc agaaacagct atagcaaata cctaagcatt 240
ta 242

<210> 3933
<211> 283
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. Z41747

<400> 3933
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gccaacagtc cactccttcc tagtgctgag gcccccatca cat 283

<210> 3934
<211> 288
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. Z41798

<400> 3934
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catcaagggt gccataaagg cccacagagc tttgacctgg ggacctgct tgttttccag 120
aagtgaccca ccaggagagg tggaccagag agctctctgc ctggaggggt gtggctgggg 180

agcacgaccg gatgatgcag agctggagga aggcgtgggt aagtggccgc agccgggcaa 240
 agaaaggagg gctggagcca ggggcagggc acctcaacaa tccagtgg 288

<210> 3935

<211> 3923

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. Z46629

<400> 3935

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<210> 3936

<211> 2326

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. Z47553

<400> 3936

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<213> Homo sapiens

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<213> Homo sapiens

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<223> Genbank Accession No. Z49269

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<213> Homo sapiens

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<223> Genbank Accession No. Z68228

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